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OM protein - protein search, using sw model.

Run on: June 21, 2003, 01:45:54 ; search time 24 Seconds
 (without alignments)
 1988.300 Million cell updates/sec

Title: US-09-895-686-1
 Perfect score: 441
 Sequence: 1 MAIHKALVMCIGLPLFLFPG.....ATPPKDGKNSQVFRNPYVWD 441

Scoring table: Oligo Gapop 60.0 , Gapext 60.0

Searched: 417779 seqs, 108206813 residues

Word size : 0

Total number of hits satisfying chosen parameters: 417779

Minimum DB seq length: 0
 Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

Database : Published_Applications_AA:*

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 11: /cgn2_6/ptodata/2/pubpaas/US10_NEW_PUB.pep: *
 12: /cgn2_6/ptodata/2/pubpaas/US10_PUBCOMB.pep: *
 13: /cgn2_6/ptodata/2/pubpaas/US60_NEW_PUB.pep: *
 14: /cgn2_6/ptodata/2/pubpaas/US60_PUBCOMB.pep: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

RESULT 1
 US-09-871-874-21
 ; Sequence 21, Application US/09871874
 ; Patent No. US20020081655A1
 ; GENERAL INFORMATION:
 ; APPLICANT: SAVITZKY, Kinneret
 ; APPLICANT: TOPORIK, Amir
 ; APPLICANT: MINTZ, Liat
 ; TITLE OF INVENTION: Splice Variant of mGluR
 ; FILE REFERENCE: 2786-0176P
 ; CURRENT APPLICATION NUMBER: US/09/871,874
 ; CURRENT FILING DATE: 2001-09-04
 ; NUMBER OF SEQ ID NOS: 21
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO: 21
 ; LENGTH: 441
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-09-871-874-21

ALIGNMENTS

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3	441	100.0	486	10 US-09-871-874-14
4	433	98.2	451	10 US-09-871-874-9
5	433	98.2	451	10 US-09-871-874-13
6	433	98.2	496	10 US-09-871-874-12
7	428	97.1	473	10 US-09-871-874-19
8	428	97.1	400	9 US-10-097-065-146
9	382	86.6	401	10 US-09-871-874-11
10	382	86.6	446	10 US-09-871-874-10
11	194	44.0	234	10 US-09-871-874-20
12	91	20.6	125	10 US-09-871-874-17
13	90	20.4	105	9 US-09-871-874-16
14	90	20.4	106	9 US-10-097-065-247
15	90	20.4	150	10 US-09-871-874-15
16	67	15.2	67	15 US-09-871-874-18
17	9	2.0	403	9 US-10-097-340-121
18	9	2.0	403	10 US-09-826-508-5
19	2.0	2.0	403	10 US-09-895-686-5

SUMMARIES

Query	Match	Similarity	Score	DB	Length	Length
US-09-871-874-21	1	MAIHKALVMCIGLPLFLFPGAWAQAGIVPPGQSGQJNPLYNNLCDSGAWGIVLEAVAGAG	441	10	100.0%	441
QY	1	MAIHKALVMCIGLPLFLFPGAWAQAGIVPPGQSGQJNPLYNNLCDSGAWGIVLEAVAGAG	60	60	100.0%	60
Db	1	MAIHKALVMCIGLPLFLFPGAWAQAGIVPPGQSGQJNPLYNNLCDSGAWGIVLEAVAGAG	60	60	100.0%	60
QY	61	IVTTFVLTITLIVASLFLFQDQTKRSRSLGTQVFFLGLTGLFLCLVAVCWWKPDFSTCASRR	120	120	100.0%	120
Db	61	IVTTFVLTITLIVASLFLFQDQTKRSRSLGTQVFFLGLTGLFLCLVAVCWWKPDFSTCASRR	120	120	100.0%	120
QY	121	FLFGVIFIACTSCSCLAAHVFAINFLARKNHPRGFWITFWALLTIVEVINTEMWITLV	180	180	100.0%	180
Db	121	FLFGVIFIACTSCSCLAAHVFAINFLARKNHPRGFWITFWALLTIVEVINTEMWITLV	180	180	100.0%	180
QY	181	RGSGECPQGNSSAGMVAASCPAIAINMDFMALIVMLLIGAFLGAWPALCGRKRWRK	240	240	100.0%	240
Db	181	RGSGECPQGNSSAGMVAASCPAIAINMDFMALIVMLLIGAFLGAWPALCGRKRWRK	240	240	100.0%	240
QY	241	HGVFLVLTATSVAWWWVIVMYTGKQHNSPTMDPTIAALANANAWAFLVYIPEV	300	300	100.0%	300

Db 241 HGVFVLLTATSVAIWWVWIVMVTYGNKQHNSPTWDDPTLALAANAWAFVLFYIPEV 300
 Qy 301 SQVTKSSPBQSGQDMYPTRGYGETILEKEQKQSMFENKAESMDEPVAAKRPVSPYSG 360
 Db 301 SQVTKSSPBQSGQDMYPTRGYGETILEKEQKQSMFENKAESMDEPVAAKRPVSPYSG 360
 Qy 361 YNGQLLTSVYQPTEMALMHKVSEGAVIDILPRATANSQVMSANSTLRAEDMSAQSHQ 420
 Db 361 YNGQLLTSVYQPTEMALMHKVSEGAVIDILPRATANSQVMSANSTLRAEDMSAQSHQ 420
 Qy 421 AATPPKDGKNSQFRNPYVWD 441
 Db 421 AATPPKDGKNSQFRNPYVWD 441
 RESULT 2
 US-09-895-686-1
 Sequence 1, Application US/09895686
 Patent No. US20020106655A1
 GENERAL INFORMATION:
 APPLICANT: Bandman, Olga
 APPLICANT: Lal, Preeti
 APPLICANT: Tang, Y. Tom
 APPLICANT: Baughn, Mariah R.
 TITLE OF INVENTION: HUMAN GPCR PROTEINS
 FILE REFERENCE: PC-004 CIP
 CURRENT APPLICATION NUMBER: US/09/895, 686
 CURRENT FILING DATE: 2001-06-28
 NUMBER OF SEQ ID NOS: 74
 SOFTWARE: PERL Program
 SEQ ID NO 1
 LENGTH: 441
 TYPE: PRT
 ORGANISM: Homo sapiens
 NAME/KEY: misc_feature
 OTHER INFORMATION: Incyte ID No. US20020106655A1 1258981CD1
 US-09-895-686-1
 Query Match 100.0%; Score 441; DB 10; length 441;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 441; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Matches 441; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 MAIHKALVNCGLGFLPLFPGAWAQHGVPGCSQGLNPLXNLCDRSGAWGIVLEAVAGAG 60
 Db 46 MAIHKALVNCGLGFLPLFPGAWAQHGVPGCSQGLNPLXNLCDRSGAWGIVLEAVAGAG 105
 Qy 61 IVTFVFLTILVASLPFWQDTKRSLLGTQVFLPLGTLGFLCLVFACTVKPDESTCASRR 120
 Db 106 IVTFVFLTILVASLPFWQDTKRSLLGTQVFLPLGTLGFLCLVFACTVKPDESTCASRR 165
 FEATURE:
 Qy 121 FLFGVLFACFCSCIAAHVFALNLARKKHGPROWVIFTVALLTIVLVEVINTEWLILTV 180
 Db 166 FLFGVLFACFCSCIAAHVFALNLARKKHGPROWVIFTVALLTIVLVEVINTEWLILTV 225
 Qy 181 RGSGEGGPOGNSSAGAWAVASPCATANMDFMALITYVMLLGLAFLGAWPALCGRYKMRK 240
 Db 226 RGSGEGGPOGNSSAGAWAVASPCATANMDFMALITYVMLLGLAFLGAWPALCGRYKMRK 285
 Qy 241 HGVFVLLTATSVAIWWVWIVMVTYGNKQHNSPTWDDPTLALAANAWAFVLFYIPEV 300
 Db 286 HGVFVLLTATSVAIWWVWIVMVTYGNKQHNSPTWDDPTLALAANAWAFVLFYIPEV 345
 Qy 301 SQVTKSSPBQSGQDMYPTRGYGETILEKEQKQSMFENKAESMDEPVAAKRPVSPYSG 360
 Db 346 SQVTKSSPBQSGQDMYPTRGYGETILEKEQKQSMFENKAESMDEPVAAKRPVSPYSG 405
 Qy 361 YNGQLLTSVYQPTEMALMHKVSEGAVIDILPRATANSQVMSANSTLRAEDMSAQSHQ 420
 Db 406 YNGQLLTSVYQPTEMALMHKVSEGAVIDILPRATANSQVMSANSTLRAEDMSAQSHQ 465
 Qy 421 AATPPKDGKNSQFRNPYVWD 441
 Db 466 AATPPKDGKNSQFRNPYVWD 486
 RESULT 4
 US-09-871-874-9
 Sequence 9, Application US/09871874
 Patent No. US2002001655A1
 GENERAL INFORMATION:
 APPLICANT: SAVITZKY, Kinneret
 APPLICANT: TOPORK, Amir
 APPLICANT: MINTZ, Liat
 TITLE OF INVENTION: Splice Variant of mGluR
 FILE REFERENCE: 2786-0176P
 CURRENT APPLICATION NUMBER: US/09/871, 874
 CURRENT FILING DATE: 2001-09-04
 NUMBER OF SEQ ID NOS: 21
 US-09-871-874-14
 Sequence 14, Application US/09871874
 Patent No. US2002001655A1
 GENERAL INFORMATION:
 APPLICANT: SAVITZKY, Kinneret
 APPLICANT: TOPORK, Amir
 APPLICANT: MINTZ, Liat
 TITLE OF INVENTION: Splice Variant of mGluR
 FILE REFERENCE: 2786-0176P
 CURRENT APPLICATION NUMBER: US/09/871, 874
 NUMBER OF SEQ ID NOS: 21
 US-09-871-874-1
 SEQ ID NO 14
 LENGTH: 486
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-871-874-14
 Query Match 100.0%; Score 441; DB 10; length 486;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 441; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Matches 441; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 MAIHKALVNCGLGFLPLFPGAWAQHGVPGCSQGLNPLXNLCDRSGAWGIVLEAVAGAG 60
 Db 46 MAIHKALVNCGLGFLPLFPGAWAQHGVPGCSQGLNPLXNLCDRSGAWGIVLEAVAGAG 105
 Qy 61 IVTFVFLTILVASLPFWQDTKRSLLGTQVFLPLGTLGFLCLVFACTVKPDESTCASRR 120
 Db 106 IVTFVFLTILVASLPFWQDTKRSLLGTQVFLPLGTLGFLCLVFACTVKPDESTCASRR 165
 FEATURE:
 Qy 121 FLFGVLFACFCSCIAAHVFALNLARKKHGPROWVIFTVALLTIVLVEVINTEWLILTV 180
 Db 166 FLFGVLFACFCSCIAAHVFALNLARKKHGPROWVIFTVALLTIVLVEVINTEWLILTV 225
 Qy 181 RGSGEGGPOGNSSAGAWAVASPCATANMDFMALITYVMLLGLAFLGAWPALCGRYKMRK 240
 Db 226 RGSGEGGPOGNSSAGAWAVASPCATANMDFMALITYVMLLGLAFLGAWPALCGRYKMRK 285
 Qy 241 HGVFVLLTATSVAIWWVWIVMVTYGNKQHNSPTWDDPTLALAANAWAFVLFYIPEV 300
 Db 286 HGVFVLLTATSVAIWWVWIVMVTYGNKQHNSPTWDDPTLALAANAWAFVLFYIPEV 345
 Qy 301 SQVTKSSPBQSGQDMYPTRGYGETILEKEQKQSMFENKAESMDEPVAAKRPVSPYSG 360
 Db 346 SQVTKSSPBQSGQDMYPTRGYGETILEKEQKQSMFENKAESMDEPVAAKRPVSPYSG 405
 Qy 361 YNGQLLTSVYQPTEMALMHKVSEGAVIDILPRATANSQVMSANSTLRAEDMSAQSHQ 420
 Db 406 YNGQLLTSVYQPTEMALMHKVSEGAVIDILPRATANSQVMSANSTLRAEDMSAQSHQ 465
 Qy 421 AATPPKDGKNSQFRNPYVWD 441
 Db 466 AATPPKDGKNSQFRNPYVWD 486

RESULT 9
 US-09-871-874-11
 ; Sequence 11, Application US/09871874
 ; Patent No. US20020081655A1
 ; GENERAL INFORMATION:
 ; APPLICANT: SAVITZKY, Kinneret
 ; APPLICANT: MINTZ, Liat
 ; TITLE OF INVENTION: Splice Variant of mGluR
 ; FILE REFERENCE: 2786-0176P
 ; CURRENT APPLICATION NUMBER: US/09/871,874
 ; CURRENT FILING DATE: 2001-09-04
 ; NUMBER OF SEQ ID NOS: 21
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO: 11
 ; LENGTH: 401
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-09-871-874-11

Query Match 86 6%; Score 382; DB 10; Length 446;
 Best Local Similarity 100 0%; Pred. No: 0;
 Matches 382; Conservative 0; Mismatches 0; Gaps 0;
 Indels 0; Gaps 0;

Qy 1 MAIHKALVMCGILPFLPFGAWAQHVGIVPPCGSOGNPLLYNLCDISGAWGIVLEAVAGAG 60
 Db 46 MAIHKALVMCGILPFLPFGAWAQHVGIVPPCGSOGNPLLYNLCDISGAWGIVLEAVAGAG 105

Qy 61 IVTTFVLTILIVASLPLFVQDTKRSLSLGTQVFFLGLTGLFLCLVACVVKPDESFSCASRR 120
 Db 106 IVTTFVLTILIVASLPLFVQDTKRSLSLGTQVFFLGLTGLFLCLVACVVKPDESFSCASRR 165

Qy 121 FLFGVLFACFSCLAHVFLNFLARKNKGPRGWVIFTVALLLTIVEVINTEWILITLV 180
 Db 166 FLFGVLFACFSCLAHVFLNFLARKNKGPRGWVIFTVALLLTIVEVINTEWILITLV 225

Qy 181 RGSGGGPQNSSAWAWASPCAIAANDMFLMITYMLLIGAEGAWAPLGRKWRK 240
 Db 226 RGSGEGGPOQNSSAWAWASPCAIAANDMFLMITYMLLIGAEGAWAPLGRKWRK 285

Qy 241 HGVFVLTATSVAVWWVWIMTYGNKQNSPMDPTIALANANAWAFLVYIPEV 300
 Db 286 HGVFVLTATSVAVWWVWIMTYGNKQNSPMDPTIALANANAWAFLVYIPEV 345

Qy 301 SQTKSSEPSQYQGDMYPTRGVGETILKQKGOSMFVENKAFAKSDPEVAKRPSYSG 360
 Db 346 SQTKSSEPSQYQGDMYPTRGVGETILKQKGOSMFVENKAFAKSDPEVAKRPSYSG 405

Qy 361 YNGQLTTSVYQOPTEMALMHKV 382
 Db 406 YNGQLTTSVYQOPTEMALMHKV 427

RESULT 10
 US-09-871-874-20
 ; Sequence 20, Application US/09871874
 ; Patent No. US20020081655A1
 ; GENERAL INFORMATION:
 ; APPLICANT: SAVITZKY, Kinneret
 ; APPLICANT: MINTZ, Liat
 ; TITLE OF INVENTION: Splice Variant of mGluR
 ; FILE REFERENCE: 2786-0176P
 ; CURRENT APPLICATION NUMBER: US/09/871,874
 ; CURRENT FILING DATE: 2001-09-04
 ; NUMBER OF SEQ ID NOS: 21
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO: 20
 ; LENGTH: 234
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-09-871-874-20

Query Match 44 0%; Score 194; DB 10; Length 234;
 Best Local Similarity 100 0%; Pred. No: 6.3e-172;
 Matches 194; Conservative 0; Mismatches 0; Gaps 0;
 Indels 0; Gaps 0;

Qy 1 MAIHKALVMCGILPFLPFGAWAQHVGIVPPCGSOGNPLLYNLCDISGAWGIVLEAVAGAG 60
 Db 1 MAIHKALVMCGILPFLPFGAWAQHVGIVPPCGSOGNPLLYNLCDISGAWGIVLEAVAGAG 60

Qy 61 IVTTFVLTILIVASLPLFVQDTKRSLSLGTQVFFLGLTGLFLCLVACVVKPDESFSCASRR 120
 Db 61 IVTTFVLTILIVASLPLFVQDTKRSLSLGTQVFFLGLTGLFLCLVACVVKPDESFSCASRR 165

Qy 121 FLFGVLFACFSCLAHVFLNFLARKNKGPRGWVIFTVALLLTIVEVINTEWILITLV 180
 Db 166 FLFGVLFACFSCLAHVFLNFLARKNKGPRGWVIFTVALLLTIVEVINTEWILITLV 225

RESULT 12
 Db 122 FLGGVLFAFCFSCLAAHVFALNFLARKNHGPRGWWVIFTWALLTIVIINTERWLITLV 180
 Qy 181 RGSEGGPGQGNSSA 194
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 Db 181 RGSEGGPGQGNSSA 194

RESULT 14
 US-09-871-874-17
 ; Sequence 17, Application US/09871874
 ; Patent No. US20020081655A1
 ; GENERAL INFORMATION:
 ; APPLICANT: SAVITZKY, Kinneret
 ; APPLICANT: TOPORIK, Amir
 ; APPLICANT: MINZ, Liat
 ; TITLE OF INVENTION: Splice Variant of mglur
 ; FILE REFERENCE: 2786-0176P
 ; CURRENT FILING DATE: 2001-09-04
 ; CURRENT APPLICATION NUMBER: US/09/871.874
 ; NUMBER OF SEQ ID NOS: 21
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 17
 ; LENGTH: 125
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-09-871-874-17

Query Match 20.6%; Score 91; DB 10; Length 125;
 Best Local Similarity 100.0%; Pred. No. 1 3e-76; Mismatches 0; Indels 0; Gaps 0;
 Matches 91; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 351 AKRPVSPYPSYNGQOLTSVYQPTEMALMHKVSEGAYDILPRATANSQVMSANSIR 410
 |||||||
 Db 35 AKRPVSPYPSYNGQOLTSVYQPTEMALMHKVSEGAYDILPRATANSQVMSANSIR 94

Qy 411 EDMSAQSHQATPPKGNSQFRNPVWMD 441
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 Db 95 EDMSAQSHQATPPKGNSQFRNPVWMD 125

RESULT 13
 US-09-871-874-16
 Sequence 16, Application US/09871874
 ; Patient No. US20020081655A1
 ; GENERAL INFORMATION:
 ; APPLICANT: SAVITZKY, Kinneret
 ; APPLICANT: TOPORIK, Amir
 ; APPLICANT: MINZ, Liat
 ; TITLE OF INVENTION: Splice Variant of mglur
 ; FILE REFERENCE: 2786-0176P
 ; CURRENT APPLICATION NUMBER: US/09/871.874
 ; CURRENT FILING DATE: 2001-09-04
 ; NUMBER OF SEQ ID NOS: 21
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 16
 ; LENGTH: 105
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-09-871-874-16

Query Match 20.4%; Score 90; DB 10; Length 105;
 Best Local Similarity 100.0%; Pred. No. 9 8e-76; Mismatches 0; Indels 0; Gaps 0;
 Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MATHKALMCLGLPFLPFGAWAQGHVPPGCSQGLNPLNLYNLCDRSGAWGIVLEAVAGAG 60
 |||||||
 Db 1 MATHKALMCLGLPFLPFGAWAQGHVPPGCSQGLNPLNLYNLCDRSGAWGIVLEAVAGAG 60

Qy 61 IVTFVFLITILVSLPFPVQDTKRSLSGQ 90
 |||||||
 Db 61 IVTFVFLITILVSLPFPVQDTKRSLSGQ 90

Query Match 20.4%; Score 90; DB 10; Length 105;
 Best Local Similarity 100.0%; Pred. No. 9 8e-76; Mismatches 0; Indels 0; Gaps 0;
 Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MATHKALMCLGLPFLPFGAWAQGHVPPGCSQGLNPLNLYNLCDRSGAWGIVLEAVAGAG 60
 |||||||
 Db 1 MATHKALMCLGLPFLPFGAWAQGHVPPGCSQGLNPLNLYNLCDRSGAWGIVLEAVAGAG 60

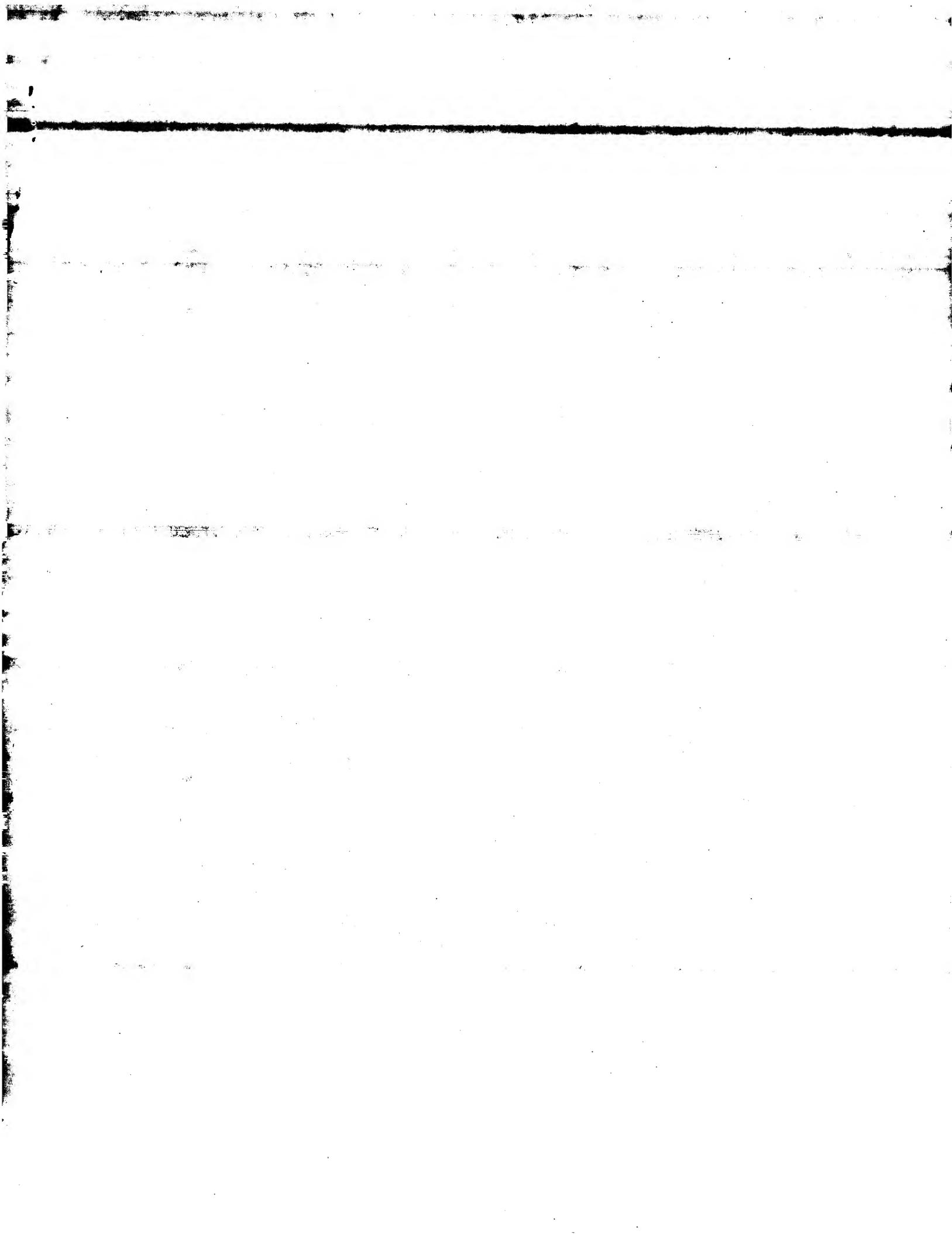
Qy 61 IVTFVFLITILVSLPFPVQDTKRSLSGQ 90
 |||||||
 Db 61 IVTFVFLITILVSLPFPVQDTKRSLSGQ 90

RESULT 15
 US-09-871-874-15
 ; Sequence 15, Application US/09871874
 ; Patent No. US20020081655A1
 ; GENERAL INFORMATION:
 ; APPLICANT: SAVITZKY, Kinneret
 ; APPLICANT: TOPORIK, Amir
 ; APPLICANT: MINZ, Liat
 ; TITLE OF INVENTION: Splice Variant of mglur
 ; FILE REFERENCE: 2786-0176P

CURRENT APPLICATION NUMBER: US-09/871,874
CURRENT FILING DATE: 2001-09-04
NUMBER OF SEQ ID NOS: 21
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO: 15
LENGTH: 150
TYPE: PRT
ORGANISM: Homo sapiens
US-09-871-874-15

Query Match 20.4%; Score 90; DB 10; length 150;
Best Local Similarity 100.0%; Pred. No. 1.3e-75; Matches 0; Mismatches 0; Indels 0; Gaps 0;
Matches 90; Conservative 0; Gaps 0;
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Db 46 MAIKHALVCLGLPFLPFGAWAQGHVPPCGSQGLNPLVNLCDRSAGHIVLEAVAGAG 105
Qy 61 IVTTTFLTIIIVASLIPFVQDTKRSILGTQ 90
Db 106 IVTTTFLTIIIVASLIPFVQDTKRSILGTQ 135

Search completed: June 21, 2003, 01:51:52
Job time : 25 secs



OM protein - protein search, using sw model

Run on: June 21, 2003, 01:39:15 ; Search time 20 Seconds
(without alignments)

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Gapop 60.0 , Gapext 60.0

Searched: 262574 seqs, 29422922 residues

Word size : 0

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

Database : Issued Patents A:*

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3: /cgtr2_6/ptodata/1/1aa/*A_COMB.pep:*

4: /cgtr2_6/ptodata/1/1aa/*B_COMB.pep:*

5: /cgtr2_6/ptodata/1/1aa/*C_COMB.pep:*

6: /cgtr2_6/ptodata/1/1aa/*ACKFILES1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	7	1.6	28	4 US-09-348-578-11
2	7	1.6	28	4 US-09-348-578-11
3	7	1.6	29	4 US-09-348-578-11
4	7	1.6	29	4 US-09-348-578-11
5	7	1.6	30	4 US-09-348-578-13
6	7	1.6	30	4 US-09-348-578-13
7	7	1.6	31	4 US-09-348-578-14
8	7	1.6	31	4 US-09-348-578-14
9	7	1.6	32	4 US-09-348-578-15
10	7	1.6	32	4 US-09-348-578-15
11	7	1.6	33	4 US-09-348-578-16
12	7	1.6	33	4 US-09-348-578-16
13	7	1.6	34	4 US-09-348-578-17
14	7	1.6	34	4 US-09-348-578-17
15	7	1.6	35	4 US-09-348-578-18
16	7	1.6	35	4 US-09-348-578-18
17	7	1.6	35	4 US-09-348-578-18
18	7	1.6	35	4 US-09-348-578-18
19	7	1.6	35	4 US-09-348-578-18
20	7	1.6	35	4 US-09-348-578-18
21	7	1.6	347	4 US-09-348-578-18
22	7	1.6	359	1 US-08-366-779-2
23	7	1.6	359	1 US-08-366-779-2
24	7	1.6	359	1 US-08-478-727-2
25	7	1.6	359	1 US-08-473-508-2
26	7	1.6	359	1 US-08-479-936-2
27	7	1.6	359	1 US-08-833-610-6

ALIGNMENTS

RESULT 1

US-09-348-578-11

; Sequence 11, Application US/09348578

; Patent No. 6160089

; GENERAL INFORMATION:

; ; APPLICANT: HONJO, Masaru

; ; APPLICANT: NAITO, Naokazu

; ; APPLICANT: UCHIDA, Hiroshi

; ; APPLICANT: MIZUCHI, Daisuke

; ; APPLICANT: MATSUMOTO, Kazuya

; ; TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE

; ; FILE REFERENCE: 029410-421

; ; CURRENT APPLICATION NUMBER: US/09/348,578

; ; EARLIER APPLICATION NUMBER: JP 193003/1998

; ; EARLIER FILING DATE: 1998-07-08

; ; NUMBER OF SEQ ID NOS: 41

; ; SOFTWARE: PatentIn Ver. 2.0

; ; SEQ ID NO 11

; ; LENGTH: 28

; ; TYPE: PRT

; ; ORGANISM: Artificial Sequence

; ; FEATURE: SIGNAL

; ; NAME/KEY: SIGNAL

; ; LOCATION: (1)..(28)

; ; FEATURE: SIGNAL

; ; OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion

; ; OTHER INFORMATION: signal

; ; OTHER INFORMATION: signal

Query Match 1 6%; Score 7; DB 4; Length 28;

Best Local Similarity 100.0%; Pred. No. 9.2%; Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 81 TKRKSLL 87

DB 5 TKRKSLL 11

RESULT 2

US-09-699-684-11

; Sequence 11, Application US/09699684

; GENERAL INFORMATION:

; ; APPLICANT: HONJO, Masaru

; ; APPLICANT: NATOH, Naokazu

; ; APPLICANT: UCHIDA, Hiroshi

; ; APPLICANT: MIZUCHI, Daisuke

; ; APPLICANT: MATSUMOTO, Kazuya

; ; TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE

FILE REFERENCE: 029430-421
 CURRENT APPLICATION NUMBER: US/09/699, 684
 PRIORITY APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/348, 578
 PRIORITY FILING DATE: EARLIER FILING DATE: 1999-07-07
 NUMBER OF SEQ ID NOS: 41
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 11
 LENGTH: 28
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 NAME/KEY: SIGNAL
 LOCATION: (1)..(28)
 OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion
 US-09-699-684-11

Query Match 1.6%; Score 7; DB 4; Length 28;
 Best Local Similarity 100.0%; Pred. No. 9.2;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 81 TKRSSL 87
 Db 5 TKRSSL 11

RESULT 3
 US-09-348-578-12
 Sequence 12, Application US/09348578
 Patent No. 6160089
 GENERAL INFORMATION:
 APPLICANT: HONJO, Masaru
 APPLICANT: UCHIDA, Naokazu
 APPLICANT: MOCHIZUKI, Daisuke
 APPLICANT: MATSUMOTO, Kazuya
 TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE
 FILE REFERENCE: 029430-421
 CURRENT APPLICATION NUMBER: US/09/348, 578
 CURRENT FILING DATE: 1999-07-07
 EARLIER APPLICATION NUMBER: JP 193003/1998
 EARLIER FILING DATE: 1998-07-08
 NUMBER OF SEQ ID NOS: 41
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 12
 LENGTH: 29
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 NAME/KEY: SIGNAL
 LOCATION: (1)..(29)
 OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion
 OTHER INFORMATION: signal
 US-09-348-578-12

Query Match 1.6%; Score 7; DB 4; Length 29;
 Best Local Similarity 100.0%; Pred. No. 9.5%;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 81 TKRSSL 87
 Db 5 TKRSSL 11

RESULT 5
 US-09-348-578-13
 Sequence 13, Application US/09348578
 Patent No. 6160089
 GENERAL INFORMATION:
 APPLICANT: HONJO, Masaru
 APPLICANT: UCHIDA, Naokazu
 APPLICANT: MOCHIZUKI, Daisuke
 APPLICANT: MATSUMOTO, Kazuya
 TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE
 FILE REFERENCE: 029430-421
 CURRENT APPLICATION NUMBER: US/09/348, 578
 CURRENT FILING DATE: 1999-07-07
 EARLIER APPLICATION NUMBER: JP 193003/1998
 EARLIER FILING DATE: 1998-07-08
 NUMBER OF SEQ ID NOS: 41
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 13
 LENGTH: 30
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 NAME/KEY: SIGNAL
 LOCATION: (1)..(30)
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion
 OTHER INFORMATION: signal
 US-09-348-578-13

Query Match 1.6%; Score 7; DB 4; Length 30;
 Best Local Similarity 100.0%; Pred. No. 9.8%;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 81 TKRSSL 87
 Db 5 TKRSSL 11

RESULT 6
 US-09-699-684-13
 Sequence 13, Application US/09699684

Patent No. 6436674
 GENERAL INFORMATION:
 APPLICANT: HONJO, Masaru
 APPLICANT: NAITOH, Naokazu
 APPLICANT: UCHIDA, Hiroshi
 APPLICANT: MOCHIZUKI, Daisuke
 APPLICANT: MATSUMOTO, Kazuya
 TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE
 FILE REFERENCE: 029430-421
 CURRENT APPLICATION NUMBER: US/09/699,684
 CURRENT FILING DATE: 2000-10-31
 PRIORITY APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/348,578
 PRIORITY FILING DATE: EARLIER FILING DATE: 1999-07-07
 NUMBER OF SEQ ID NOS: 41
 SOFTWARE: Patentin Ver. 2.0
 SEQ ID NO 13
 LENGTH: 30
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 NAME/KEY: SIGNAL
 LOCATION: (1)..(30)
 OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion
 OTHER INFORMATION: signal
 US-09-699-684-13

RESULT 7

Query Match 1.6%; Score 7; DB 4; Length 30;
 Best Local Similarity 100.0%; Pred. No. 9; 8;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 81 TKRSLL 87
 |||||
 Db 5 TKRSLL 11

US-09-348-578-14

Sequence 14, Application US/09348578
 Patent No. 616089
 GENERAL INFORMATION:
 APPLICANT: HONJO, Masaru
 APPLICANT: NAITOH, Naokazu
 APPLICANT: UCHIDA, Hiroshi
 APPLICANT: MOCHIZUKI, Daisuke
 APPLICANT: MATSUMOTO, Kazuya
 TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE
 FILE REFERENCE: 029430-421
 CURRENT APPLICATION NUMBER: US/09/348,578
 CURRENT FILING DATE: 1999-07-07
 EARLIER APPLICATION NUMBER: JP 193003/1998
 NUMBER OF SEQ ID NOS: 41
 SOFTWARE: Patentin Ver. 2.0
 SEQ ID NO 14
 LENGTH: 31
 TYPE: PRT
 FEATURE:
 ORGANISM: Artificial Sequence
 FEATURE:
 NAME/KEY: SIGNAL
 LOCATION: (1)..(31)
 OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion
 OTHER INFORMATION: signal
 US-09-348-578-14

RESULT 8

Query Match 1.6%; Score 7; DB 4; Length 31;
 Best Local Similarity 100.0%; Pred. No. 10;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 81 TKRSLL 87
 |||||
 Db 5 TKRSLL 11

US-09-699-684-14

Sequence 14, Application US/09699684
 Patent No. 6436674
 GENERAL INFORMATION:
 APPLICANT: HONJO, Masaru
 APPLICANT: NAITOH, Naokazu
 APPLICANT: UCHIDA, Hiroshi
 APPLICANT: MOCHIZUKI, Daisuke
 APPLICANT: MATSUMOTO, Kazuya
 TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE
 FILE REFERENCE: 029430-421
 CURRENT APPLICATION NUMBER: US/09/699,684
 CURRENT FILING DATE: 2000-10-31
 PRIORITY APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/348,578
 PRIORITY FILING DATE: EARLIER FILING DATE: 1999-07-07
 NUMBER OF SEQ ID NOS: 41
 SOFTWARE: Patentin Ver. 2.0
 SEQ ID NO 14
 LENGTH: 31
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 NAME/KEY: SIGNAL
 LOCATION: (1)..(31)
 OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion
 OTHER INFORMATION: signal
 US-09-699-684-14

RESULT 9

Query Match 1.6%; Score 7; DB 4; Length 31;
 Best Local Similarity 100.0%; Pred. No. 10;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 81 TKRSLL 87
 |||||
 Db 5 TKRSLL 11

US-09-348-578-15

Sequence 15, Application US/09348578
 Patent No. 616089
 GENERAL INFORMATION:
 APPLICANT: HONJO, Masaru
 APPLICANT: NAITOH, Naokazu
 APPLICANT: UCHIDA, Hiroshi
 APPLICANT: MOCHIZUKI, Daisuke
 APPLICANT: MATSUMOTO, Kazuya
 TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE
 FILE REFERENCE: 029430-421
 CURRENT APPLICATION NUMBER: US/09/348,578
 CURRENT FILING DATE: 1999-07-07
 EARLIER APPLICATION NUMBER: JP 193003/1998
 CURRENT FILING DATE: 1999-07-07
 EARLIER APPLICATION NUMBER: JP 193003/1998
 EARLIER FILING DATE: 1998-07-08
 NUMBER OF SEQ ID NOS: 41
 SOFTWARE: Patentin Ver. 2.0
 SEQ ID NO 15
 LENGTH: 32
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 NAME/KEY: SIGNAL
 LOCATION: (1)..(32)
 OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion
 OTHER INFORMATION: signal
 US-09-348-578-15

Query Match 1.6%; Score 7; DB 4; Length 32;
 Best Local Similarity 100.0%; Pred. No. 10;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 81 TKRSLL 87
US-09-699-684-15
Sequence 15, Application US/09699684
; Patent No. 6160089
Db 5 TKRSLL 11

RESULT 10

GENERAL INFORMATION:
APPLICANT: HONJO, Masaru
APPLICANT: UCHIDA, Hiroshi
APPLICANT: NAITO, Naokazu
APPLICANT: MATSUMOTO, Kazuya
TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE
FILE REFERENCE: 029430-421
CURRENT APPLICATION NUMBER: US/09/699, 684
CURRENT FILING DATE: 2000-10-31
PRIORITY NUMBER: EARLIER APPLICATION NUMBER: 09/348, 578
PRIORITY FILING DATE: EARLIER FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 41
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 15
LENGTH: 32
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
LOCATION: (1)..(32)
OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion
US-09-699-684-15

Query Match 1.6%; Score 7; DB 4; Length 32;
Best Local Similarity 100.0%; Pred. No. 10;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 11

US-09-348-578-16
Sequence 16, Application US/09348578
; Patent No. 6160089
GENERAL INFORMATION:
APPLICANT: HONJO, Masaru
APPLICANT: UCHIDA, Hiroshi
APPLICANT: NAITO, Naokazu
APPLICANT: MATSUMOTO, Kazuya
TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE
FILE REFERENCE: 029430-421
CURRENT APPLICATION NUMBER: US/09/348, 578
CURRENT FILING DATE: 1999-07-07
EARLIER APPLICATION NUMBER: JP 193003/1998
EARLIER FILING DATE: 1998-07-08
NUMBER OF SEQ ID NOS: 41
SEQ ID NO 16
LENGTH: 33
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: SIGNAL
LOCATION: (1)..(33)
OTHER INFORMATION: signal
US-09-699-684-16

Query Match 1.6%; Score 7; DB 4; Length 33;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 12

US-09-699-684-16
Sequence 16, Application US/09699684
; Patent No. 6160089
GENERAL INFORMATION:
APPLICANT: HONJO, Masaru
APPLICANT: UCHIDA, Hiroshi
APPLICANT: NAITO, Naokazu
APPLICANT: MATSUMOTO, Kazuya
TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE
FILE REFERENCE: 029430-421
CURRENT APPLICATION NUMBER: US/09/699, 684
CURRENT FILING DATE: 2000-10-31
PRIORITY NUMBER: EARLIER APPLICATION NUMBER: 09/348, 578
PRIORITY FILING DATE: EARLIER FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 41
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 16
LENGTH: 33
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: SIGNAL
LOCATION: (1)..(34)
OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion
US-09-348-578-16

Query Match 1.6%; Score 7; DB 4; Length 33;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 13

US-09-348-578-17
Sequence 17, Application US/09348578
; Patent No. 6160089
GENERAL INFORMATION:
APPLICANT: HONJO, Masaru
APPLICANT: NAITO, Naokazu
APPLICANT: UCHIDA, Hiroshi
APPLICANT: MATSUMOTO, Kazuya
TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE
FILE REFERENCE: 029430-421
CURRENT APPLICATION NUMBER: US/09/348, 578
CURRENT FILING DATE: 1999-07-07
EARLIER APPLICATION NUMBER: JP 193003/1998
EARLIER FILING DATE: 1998-07-08
NUMBER OF SEQ ID NOS: 41
SEQ ID NO 17
LENGTH: 34
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: SIGNAL
LOCATION: (1)..(34)
OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion
US-09-348-578-16

```

; OTHER INFORMATION: Description of Artificial Sequence:Modified oppa secretion
; OTHER INFORMATION: signal
; US-09-348-578-17
Query Match 1.6%; Score 7; DB 4; Length 34;
Best Local Similarity 100.0%; Pred. No. 11; Mismatches 0;
Matches 7; Conservative 0; Indels 0; Gaps 0;
QY 81 TKRSIL 87
Db 5 TKRSIL 11

RESULT 14
US-09-699-684-17
Sequence 17, Application US/09699684
; GENERAL INFORMATION:
; APPLICANT: HONJO, Masaru
; APPLICANT: NATOH, Naokazu
; APPLICANT: UCHIDA, Hiroshi
; APPLICANT: MOCHIZUKI, Daisuke
; APPLICANT: MATSUMOTO, Kazuya
TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE
FILE REFERENCE: 029430-421
CURRENT APPLICATION NUMBER: US/09/699,684
CURRENT FILING DATE: 2000-10-31
PRIORITY APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/348,578
PRIORITY FILING DATE: EARLIER FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 41
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 17
LENGTH: 34
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: SIGNAL
LOCATION: (1)..(34)
OTHER INFORMATION: Description of Artificial Sequence:Modified oppa secretion
; OTHER INFORMATION: signal
; US-09-699-684-17

Query Match 1.6%; Score 7; DB 4; Length 34;
Best Local Similarity 100.0%; Pred. No. 11; Mismatches 0;
Matches 7; Conservative 0; Indels 0; Gaps 0;
QY 81 TKRSIL 87
Db 5 TKRSIL 11

RESULT 15
US-09-348-578-18
Sequence 18, Application US/093488578
; GENERAL INFORMATION:
; APPLICANT: HONJO, Masaru
; APPLICANT: NATOH, Naokazu
; APPLICANT: UCHIDA, Hiroshi
; APPLICANT: MOCHIZUKI, Daisuke
; APPLICANT: MATSUMOTO, Kazuya
TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE
FILE REFERENCE: 029430-421
CURRENT APPLICATION NUMBER: US/09/348,578
CURRENT FILING DATE: 1999-07-07
EARLIER APPLICATION NUMBER: JP 193003/1998
EARLIER FILING DATE: 1998-07-08
NUMBER OF SEQ ID NOS: 41
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 18
LENGTH: 35
TYPE: PRT
ORGANISM: Artificial Sequence

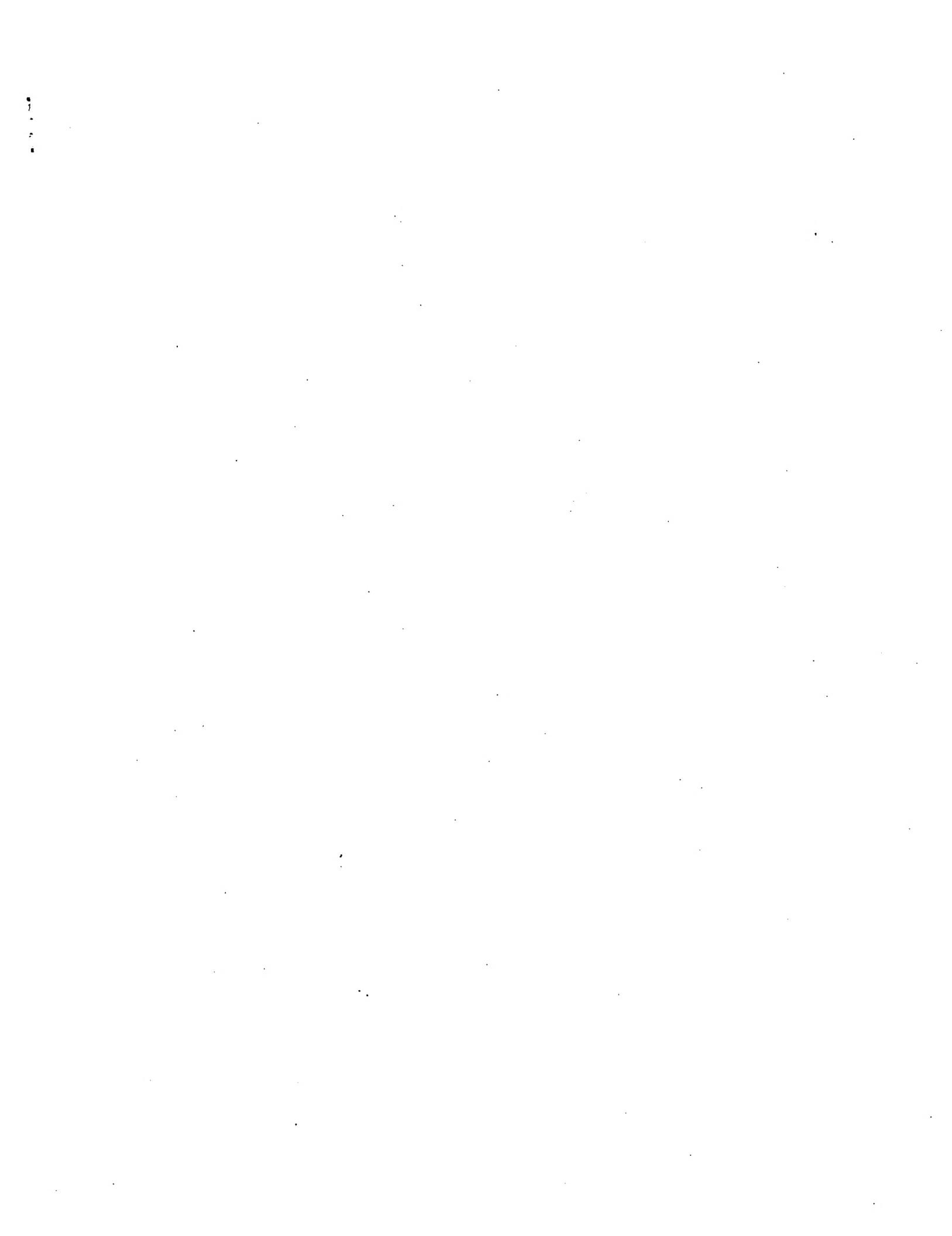
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; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: (1)..(35)
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Modified oppa secretion
; US-09-348-578-18
Query Match 1.6%; Score 7; DB 4; Length 35;
Best Local Similarity 100.0%; Pred. No. 11; Mismatches 0;
Matches 7; Conservative 0; Indels 0; Gaps 0;
QY 81 TKRSIL 87
Db 5 TKRSIL 11

Search completed: June 21, 2003, 01:47:40
Job time: 20 secs

```



RESULT 2
US-09-188-930-123
; Sequence 123, Application US/09188930A
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Orrust, Rene
; APPLICANT: Murison, James Greg
; TITLE OF INVENTION: Compositions Isolated From Skin Cells
; FILE REFERENCE: 11000.1011c1
; CURRENT APPLICATION NUMBER: US/09/188,930A
; NUMBER OF SEQ ID NOS: 348
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 123
; LENGTH: 68
; TYPE: PRT
; ORGANISM: Human
; US-09-188-930-123

Query Match 7.3%; Score 169; DB 4; Length 68;
Best Local Similarity 54.3%; Pred. No. 1 6e-10; Mismatches 75; Conservatve 22.2%; Pred. No. 4e-07; Indels 70; Gaps 14; Matches 38; Conservative 11; Mismatches 17; Indels 4; Gaps 2;

Qy 66 VLTILVVASLFWQVDTKRSRLGTOFELTLGLFLVACWKDGFSTCASRLEFG 124
Db 1 MLTLPFLVCK--VQDSNRKMLPQFLFLGLVGLGFLTAFRIGLGDSTGPTRFLFG 57

Qy 125 VFLAFICSCCLAAVFAFLNELARKNHNPGPGWW-----IPTVALLLTV--EVINT 172
Db 58 ILFSICFSCL 67

RESULT 3
US-08-337-797A-2
; Sequence 2, Application US/08337797A
; Patent No. 6017697
; GENERAL INFORMATION:
; APPLICANT: Burnett, J. P.
; APPLICANT: Mayne, Nancy G.
; APPLICANT: Sharp, Robert L.
; APPLICANT: Snyder, Yvonne M.
; TITLE OF INVENTION: EXCITATORY AMINO ACID RECEPTOR PROTEIN
; TITLE OF INVENTION: EXCITATORY AMINO ACID RECEPTOR PROTEIN
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Eli Lilly and Company
; STREET: Lilly Corporate Center
; CITY: Indianapolis
; STATE: Indiana
; COUNTRY: United States of America
; ZIP: 46285
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: 08/08337-797A
; FILING DATE: NO. 6017697ember 14, 1994
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Gaylo, Paul J.
; REGISTRATION NUMBER: 36,808

Query Match 6.6%; Score 153; DB 3; Length 872;
Best Local Similarity 22.2%; Pred. No. 4e-07; Mismatches 75; Conservatve 22.2%; Pred. No. 4e-07; Indels 70; Gaps 14; Matches 75; Conservative 50; Mismatches 143; Indels 70; Gaps 14;

Qy 6 ALVKGIGLP -LFLPGAWAQHVGPGCGSGLNPLYNLCDSRGAWGIVLEAVAGAGIVT 63
Db 549 SITGCFELPQYPIRNGDANAWGPVITAC-----LGA-LAT 582

Qy 64 FTVLILVILVASLFWQVDTKRSRLGTOFELTLGLFLVACWKDGFSTCASRLEFG 122
Db 583 LFVLGVFVRHNAATPVKASGRRL--CYLLGGFLCWTWIFIPIAKPSTGVCAIRRIG 638

Qy 123 FGVFLAICSCCLAAVFAFLNELARKNHNPGPGWW-----IPTVALLLTV--EVINT 172
Db 639 VGTAFSCVCSALLTKT--NRARIFFGARGERAQPRFTSPASOVCIALLISQOLLIV 695

Qy 173 EWLITLVRGSSEGGPQGNSSAGWAVASPOAIANDFVMAILYVLLIGAFLGAWPALC 232
Db 696 AWLWVEAPGKGKETAPERRE---WVTLRNRHDASMLGSLAYNLLI-----ALC 742

Qy 233 GRYK-RWRK----HGVEVLTATSVAINWVWVMTYNGKHOHNSPPTMDPDTIALA 285
Db 743 TLYAFKTRKPPENFNEAKFIGFTMTCIWLAFIPIFYVSSDVRQV----TIVCVSVS 799

Qy 286 ANAFAVFLVYVPEVSPQVKSSPSQSYQGMMPTGRVG 323
Db 800 LSG-SVWLGCLFAPKLHILFLFQPOKNUVSHRAPTSRFG 836

RESULT 4
US-09-258-523-2
; Sequence 2, Application US/09258523
; Patent No. 6103475
; GENERAL INFORMATION:
; APPLICANT: Burnett, J. P.
; APPLICANT: Mayne, Nancy G.
; APPLICANT: Sharp, Robert L.
; APPLICANT: Snyder, Yvonne M.
; TITLE OF INVENTION: EXCITATORY AMINO ACID RECEPTOR PROTEIN
; TITLE OF INVENTION: EXCITATORY AMINO ACID RECEPTOR PROTEIN
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Eli Lilly and Company
; STREET: Lilly Corporate Center
; CITY: Indianapolis
; STATE: Indiana
; COUNTRY: United States of America
; ZIP: 46285
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/258,523
; FILING DATE:
; CLASSIFICATION:
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/337-797
; FILING DATE: NO. 6103475ember 14, 1994
; ATTORNEY/AGENT INFORMATION:

NAME: Gaylo, Paul J.
 REGISTRATION NUMBER: 36,808
 REFERENCE/DOCKET NUMBER: X-9431
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (317) 276-0756
 TELEFAX: 213-489-4210
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 872 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 ; US-09-238-523-2

Query Matchⁿ 6.6%; Score 153; DB 3; Length 872;
 Best Local Similarity 22.2%; Pred. No. 4e-07; Mismatches 75;保守型 50; MisMatches 143; Indels 70; Gaps 14;

QY 6 ALVWCLGIP-LEFPAGAWAQGHVPPGCGSQQNLNPYNNICDRSGAWGVLEAVAGAGVWT 63
 Db 549 SLRGCFELPQEQYIWGDWAVGPVTAIC------LGA-LAT 582

QY 64 TFWLITILVSLPLPVQDTKRSLSLGTQVFFLGLTGL-FCLVFLACVVRKEDFSTCASCRL 122
 Db 583 LFVIGVFWRHNVATVVKASGRGEL---CYILLGCVFCLYCMTFIAKFESTGVCAIRRLG 638

QY 123 FGVLFAICSCLAHVFAFLNFLARKNKGHRGWW-----IFVWALITLV--EVIINT 172
 Db 639 VGTAFSVCVKSALLTKT--NRIARIFFGREGAORPRFISPASOVAICLALISGQLLTV 695

QY 173 EWLITLIVGSGEGPQOGNNSAGAWASCAIANDMFVWMLYMLLGAFLAGAWPAIC 232
 Db 696 AWLWVEAPGTGKETAPERRE---WVTLRCNRHDASMLGSLAYNLIL-----ALC 742

QY 233 GRYK-RWKR-----HGIVLVLTTATSVAIWWVWIVMITYGNKHOHSPTWDDPFLALIA 285
 Db 743 TLYAFKTRKOPENNEAKKIGFTMVTCTIWLAPLPIFVVTSSDVRQV----TMCVSVS 799

QY 286 ANAWAFVLYVYIPEVQSVQKSSPQSYQODMYPTRGVG 323
 Db 800 LSG-SVWICLFAPKLHLIFQPOKNNVSHRAPTSRFG 836

RESULT 5
 US-08-072-571-6
 ; Sequence 6, Application US/08072574.
 ; Patient No. 5521297
 ; GENERAL INFORMATION:
 ; APPLICANT: Daggett, Lorrie
 ; APPLICANT: Ellis, Steven B.
 ; APPLICANT: Liaw, Chen
 ; APPLICANT: Pontsler, Aaron
 ; TITLE OF INVENTION: HUMAN METABOTROPIC GLUTAMATE RECEPTORS, NUCLEIC ACIDS ENCODING SAME AND USES THEREOF
 ; NUMBER OF SEQUENCES: 13
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
 ; STREET: 444 South Flower Street, Suite 2000
 ; CITY: Los Angeles
 ; STATE: CA
 ; COUNTRY: USA
 ; ZIP: 90071
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent-in Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/486,270
 ; FILING DATE: 02-JUN-1994
 ; CLASSIFICATION: 435
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/072,574
 ; FILING DATE: 04-JUN-1993
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Reiter, Stephen E.

RESULT 6
 US-08-486-270-6
 ; Sequence 6, Application US/08486270
 ; Patient No. 5807689
 ; GENERAL INFORMATION:
 ; APPLICANT: Daggett, Lorrie
 ; APPLICANT: Ellis, Steven B.
 ; APPLICANT: Liaw, Chen
 ; APPLICANT: Pontsler, Aaron
 ; APPLICANT: Johnson, Edwin C.
 ; APPLICANT: Hess, Stephen D.
 ; TITLE OF INVENTION: HUMAN METABOTROPIC GLUTAMATE RECEPTORS, NUCLEIC ACIDS ENCODING SAME AND USES THEREOF
 ; NUMBER OF SEQUENCES: 13
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
 ; STREET: 444 South Flower Street, Suite 2000
 ; CITY: Los Angeles
 ; STATE: CA
 ; COUNTRY: USA
 ; ZIP: 90071
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent-in Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/486,270
 ; FILING DATE: 02-JUN-1994
 ; CLASSIFICATION: 435
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/072,574
 ; FILING DATE: 04-JUN-1993
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Reiter, Stephen E.

REGISTRATION NUMBER: 31,192
 REFERENCE/DOCKET NUMBER: P41 9383
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 213-622-7700
 TELEFAX: 213-489-4210
 INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 879 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 ; US-08-072-574-6

Query Match 6.3%; Score 147; DB 1; Length 879;
 Best Local Similarity 21.8%; Pred. No. 1.7e-06; Mismatches 61;保守型 55; MisMatches 106; Indels 58; Gaps 12;

QY 48 AWGIVLLEAVAGAGVWTFWLILVA--SLPVYDQTKRSLSLGTQVFFLGLTGL-FCLV 104
 Db 575 AWAIGPVTAICLGFMCTCMVVTVKHNINPLVKASGRE-----LCYIILFGVGLSYMT 629

QY 105 FACVKPDSTCASCRLFLGVFLFICFCSCLAHVFAFLNFLAR---KNHGPQWV----- 156
 Db 630 FFFATKPSVPTCAFRIGGSSEPCVCSALTKT---NCHAFDGVINGAQRPKESPS 636

QY 157 --FTWALITLVEVNTINEMWLTIVRGSSEGGPQGNSSAGAWAS-----PCAAAM 207
 Db 687 SQVIFCGLILIVQVWVNSWLIL-----EAPGTRRYTIAKRETVILKCNKDS 735

QY 208 DFWMAMLYVMLLGAFLAGAWPAICLGRYK-RWKR-----HGIVLVLTTATSVAIWWV 260
 Db 736 SMLISLTYDVILV-----LCTVYAFKTRKOPENNEAKFEGFTMVTCTIWLAFL 786

QY 261 VWMYVGNKHOHSPTWDDPFLALIAALANAWAFLVYIPEV 300
 Db 787 PIFVTTSSDVRQV----TMCVSTLSGRWVGLCIFAPK 823

```

REGISTRATION NUMBER: 31 192
REFERENCE/DOCKET NUMBER: FP41 9772
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
TELEFAX: 619-546-9392
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 879 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: Protein
US-08-367-270-6

Query Match 6.3%; Score 147; DB 1; Length 879;
Best Local Similarity 21.8%; Pred. No. 1.7e-06; Matches 61; Conservative 55; Mismatches 106; Indels 58; Gaps 12;
Db 48 AWGIVTLEAVAGAGIVTTEVLTIVAA-SLPFVQDTKRSRSLGCTQVFLGTL-FCLV 104
575 AWAIGPVITACLGFMCTCANTVFIKHNTPLVKASGRE---LCVILLFGVGLSICMT 629
Qy 105 FACYVKPPESTCARSREFGVLAICFSCLAARVFAFLAR---KNHGRGRGWV----- 156
Db 630 FFFAKPSVICALRRLGIGSSAACYVALLTKN---NCIARFDGVKNGAOPKFTSPS 686
Qy 157 -FIVALLTIVENINTEWLITLVRGSGEPPQGNSSAGWAVS-----PCATAM 207
687 SQVFICLGLILQIVMWSWIL-----EACGTRRYTLAERETVILKCNKDS 735
Qy 208 DFWMALITYMLLIGAFLGAWPAICGRYK-RWKR-----HGVFLVLTATSVAIWVWI 260
Db 736 SMLISLTIVLVI-----LCTVYAFKTRKCPENFNEAKFIGFTMTCIWIWFL 786
Qy 261 VMTYGNKHNSPWDDPTLATAALANAWAFVLFYVPEV 300
Db 787 PIYVTSDDYRQV---TMCISVLSLSFVVGLCAFKV 823

RESULT 7
US-08-367-264-6
; Sequence 6, Application US/08367264
; Patent No. 6001581
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie
APPLICANT: Ellis, Steven B.
APPLICANT: Liaw, Chen
APPLICANT: Pontsler, Aaron
APPLICANT: Johnson, Edwin C.
APPLICANT: Hess, Stephen D.
TITLE OF INVENTION: HUMAN METABOTROPIC GLUTAMATE RECEPTORS, NUCLEIC ACIDS ENCODING SAME AND USES THEREOF
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
STREET: 444 South Flower Street, Suite 2000
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/367,264
FILING DATE: 02-JUN-1994
CLASSIFICATION: 435
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 08/072,574
FILING DATE: 04-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.

REGISTRATION NUMBER: 31 192
REFERENCE/DOCKET NUMBER: FP41 9772
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
TELEFAX: 619-546-9392
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 879 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: Protein
US-08-367-264-6

Query Match 6.3%; Score 147; DB 3; Length 879;
Best Local Similarity 21.8%; Pred. No. 1.7e-06; Matches 61; Conservative 55; Mismatches 106; Indels 58; Gaps 12;
Db 48 AWGIVTLEAVAGAGIVTTEVLTIVAA-SLPFVQDTKRSRSLGCTQVFLGTL-FCLV 104
575 AWAIGPVITACLGFMCTCANTVFIKHNTPLVKASGRE---LCVILLFGVGLSICMT 629
Qy 105 FACYVKPPESTCARSREFGVLAICFSCLAARVFAFLAR---KNHGRGRGWV----- 156
Db 630 FFFAKPSVICALRRLGIGSSAACYVALLTKN---NCIARFDGVKNGAOPKFTSPS 686
Qy 157 -FIVALLTIVENINTEWLITLVRGSGEPPQGNSSAGWAVS-----PCATAM 207
687 SQVFICLGLILQIVMWSWIL-----EACGTRRYTLAERETVILKCNKDS 735
Qy 208 DFWMALITYMLLIGAFLGAWPAICGRYK-RWKR-----HGVFLVLTATSVAIWVWI 260
Db 736 SMLISLTIVLVI-----LCTVYAFKTRKCPENFNEAKFIGFTMTCIWIWFL 786
Qy 261 VMTYGNKHNSPWDDPTLATAALANAWAFVLFYVPEV 300
Db 787 PIYVTSDDYRQV---TMCISVLSLSFVVGLCAFKV 823

RESULT 8
US-08-794-158-2
; Sequence 2, Application US/08794158
; Patent No. 6387655
GENERAL INFORMATION:
APPLICANT: Burnett, Jr., J. Paul
APPLICANT: Mayne, Nancy G.
APPLICANT: Sharp, Robert L.
TITLE OF INVENTION: Excitatory Amino Acid Receptor Protein
TITLE OF INVENTION: and Related Nucleic Acid Compounds
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Eli Lilly and Company
STREET: Lilly Corporate Center
CITY: Indianapolis
STATE: Indiana
COUNTRY: U.S.
ZIP: 46285
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/794,158
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Webster, Thomas D.
REGISTRATION NUMBER: 39,872
REFERENCE/DOCKET NUMBER: X-9962
TELECOMMUNICATION INFORMATION:
TELEPHONE: 317-276-3334
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:

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LENGTH: 879 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-794-158-2

INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 879 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 SEQUENCE DESCRIPTION: SEQ ID NO: 6:

Query Match 6, 3%; Score 147; DB 4; Length 879;
 Best Local Similarity 21.8%; Pred. No. 1.7e-06; Indels 58; Gaps 12;
 Matches 61; Conservative 55; Mismatches 106; Db
 48 AWGIVLEAVAGAGIVTFVFLITLVA--SLPFVQDTPKKRSLIGTQVFFLGLTGL-FCLV 104
 575 AWAIGPVTIACLGFMCTCMVTVFVKHNNPLVKASGRE---LCYILLRGVGLSYCM 629
 QY 105 FACVWIPDFSTCASCRRFLFGVLFAFCSCLAHHVAFNELAR---KNIGPGRWNI--- 156
 Db 630 FFFIAKPSPVICALRRLRGIGSSFAICYSALLTKT--NCIARIFDCVKGQAQRPKFISPS 686
 QY 157 --FTVALLTIVENIEMILITLVRSGEGGPOQNSAGWAVAS-----PCLANM 207
 Db 687 SQVFCIGLIGLVOIIVNSWNL-----EAPGTRYTLEKRETVILKVNPKS 735
 QY 208 DFVMAITYVMILLGAGFLGANPALCGRYK-RWKR-----HGVFVLTATSVAVWWI 260
 Db 736 SMLISITYDVILV-----LCVYAFKTRKCFENFNEAKFIGFTMTCIWLAFL 786
 QY 261 VMYTYCNKOHNSPTWDDPTLATAANANAWAVLFLVYIPEV 300
 Db 787 PIYVVISSDYRVQ---TMCISVSLSGFVVLGCLFAPKV 823

RESULT 9

US-09-153-757-6

Sequence 6, Application US/09153757

Patient No. 6413764

GENERAL INFORMATION:

APPLICANT: Daggett, Lorrie

Ellis, Steven B.

Law, Chen

Pontsler, Aaron

Johnson, Edwin C.

Hess, Stephen D.

TITLE OF INVENTION: HUMAN METABOTROPIC GLUTAMATE RECEPTORS,

NUCLEIC ACIDS ENCODING SAME AND USES THEREOF

NUMBER OF SEQUENCES: 13

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark

STREET: 444 South Flower Street, Suite 2000

CITY: Los Angeles

STATE: CA

COUNTRY: USA

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/153,757

FILING DATE: 15-Sep-1998

CLASSIFICATION: <Unknown>

PRIORITY APPLICATION DATA:

APPLICATION NUMBER: US/08/486,270

FILING DATE: 02-JUN-1994

APPLICATION NUMBER: US 08/072,574

FILING DATE: 04-JUN-1993

ATTORNEY/AGENT INFORMATION:

NAME: Reiter, Stephen E.

REGISTRATION NUMBER: 31,192

REFERENCE/DOCKET NUMBER: FP41 9772

TELECOMMUNICATION INFORMATION:

TELEPHONE: 619-546-4337

TELEFAX: 619-546-9392

RESULT 10

US-08-538-526-1

Sequence 1, Application US/08538526

PATENT NO. 6303751

GENERAL INFORMATION:

APPLICANT: Burnett, J. Paul

APPLICANT: Mayne, Nancy G.

APPLICANT: Sharp, Robert L.

APPLICANT: Snyder, Yvonne M.

TITLE OF INVENTION: Human Metabotropic Glutamate Receptor

TITLE OF INVENTION: and Related DNA Compounds

NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESS:

ADDRESSEE: Patent Division/DKB

STREET: Lilly Corporate Center

CITY: Indianapolis

STATE: IN

COUNTRY: USA

ZIP: 46285

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage

COMPUTER: IBM compatible

OPERATING SYSTEM: MS-DOS

SOFTWARE: Wordperfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/538,526

FILING DATE: October 3, 1995

CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:

NAME: Blalock, Donna K.

REGISTRATION NUMBER: 38,082

REFERENCE/DOCKET NUMBER: X-8319B

TELECOMMUNICATION INFORMATION:

TELEPHONE: 317/277-1090

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 1194 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein
; US-08-538-526-1

APPLICATION NUMBER: US/07/648,481
FILING DATE:

Query	Match	6.3%	Score	147;	DB	4;	Length	1194;
Best	Local Similarity	20.6%	pred.	No.	2	8e-06;		
Matches	104;	Conservative	20.6%					
	66;	Mismatches	66;					
	192;	Indels	142;					
	23;	Gaps	23;					
QY	20	GAWAQGHVPPGCSQGKNPYVNLCDRSAGWGVLEAVAGAVGIVTTEVFLVILY--ASLPP	77					
	568	GWW---PNAIDLTCGEPPIVRYLNEISNIEPIALRSCLGIVLTVLIVLYRTPV	622					
QY	78	VQDTKIRSLLGQTQVFELGT-LGLFLCLVFACTVVKPDISTCASRRFLGVFLRACFCSCIAA	136					
	623	VKSSSRELC---YIILAGIEFLGIVC-PFTLIAKPTTSCYQRLNLGVLISSAMCISAL-	675					
QY	137	HVFALFLARKNHG-----PR--GWWFTVALLTVEWINTEWELLTIVLGVGSG	184					
Db	676	-VTKTRRIARILAGSKKKICRKPRMSAWAOVIIISILISLQVLT-----LVTLL---	725					

FILED DATE: NOVEMBER 10, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Pardee, Steven W
REGISTRATION NUMBER: 31,990
REFERENCE/DOCKET NUMBER: 13952-6-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 205-467-9500
TELEFAX: 205-623-6793
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1199 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-041-538-2

COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.24
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/463,642
 FILING DATE: 03-JUN-1995
 CLASSIFICATION: 435
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 07/672,007
 FILING DATE: 18-MAR-1991
 APPLICATION NUMBER: US 07/648,481
 FILING DATE: 30-JAN-1991
 APPLICATION NUMBER: 07/626,805
 FILING DATE: 12-DEC-1990
 ATTORNEY/AGENT INFORMATION:
 NAME: Parmelee, Steven W
 REGISTRATION NUMBER: 31,990
 REFERENCE/DOCKET NUMBER: 13952-6-1-2
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 206-467-9600
 TELEFAX: 206-623-6793
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1199 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-463-642-2

Query Match 6.1%; Score 142; DB 1; Length 1199;
 Best Local Similarity 22.4%; Pred. No. 9.4e-06;
 Matches 85; Conservative 54; Mismatches 153; Indels 88; Gaps 19;
 QY 20 GAWAQGHVPPGCSQGQINPLVYLNCDRSAGWGVIEAVAGAGIVTFVLTILV-ASLDF 77
 Db 568 GWWPNAEL---TGCEPIPVRVYLEWSDESDESTIILAFSCLGIVLTVLFLVYRDPV 622
 QY 78 VQDTKRSLSLGTQVFFLGT-LGLFCLVIAVCVVPDFSTCASRPLFLGFVLFACFSCLLA 136
 Db 623 VKSSREL-C---YILAGIFLGVC-PFTLIAKPTTSCYLQRLVGLGSSAMCSAL-- 675
 QY 137 HVFAFLNFLARKNHG-----PR--GWWVTFVALLTILVLFVLTILVTFVLTILVREGG 184
 Db 676 -VTKNRIRARILLAGSKKKICTRKPRFMSAWQVIASTILISVOLT----LWVLI---- 725
 QY 185 EGGPOGNSZAGWAVASP-----CIAANDFVMAILYVMLLGAFLGAW 228
 Db 726 -----INEPMPILSYPSIKEVLYCINTSNLGWVAVPGYNGILIMCTYVF 772
 QY 229 -----PALCGRYKRMKRGVFLVLTATSSVIAIWVWIVMVTYGNKQHNSPTWDDPLATA 283
 Db 773 KTRNVPANFNEAK-----YIAFTMVTICILWAVPVI-FGSNIKITTCAVSLST 824
 QY 284 LAANAWAFVLFYVI---PE---VSQVTKSPEQSYQGD-MYPTRGVGYPMILKQK-GQS 335
 Db 336 MFVEN-KAFSMDPEAKRP 354
 Db 885 NANSGKSVSWSEPGRQAP 904

RESULT 13
 US-08-455-602-2
 ; Sequence 2, Application US/08455602
 ; Patent No. 5747267
 GENERAL INFORMATION:
 ; APPLICANT: Mulvihill, Eileen R
 ; APPLICANT: Hagen, Frederick S
 ; APPLICANT: Houamed, Khaled M
 ; APPLICANT: Almers, Wolfhard
 ; TITLE OF INVENTION: G PROTEIN COUPLED GLUTAMATE
 ; TITLE OF INVENTION: RECEPTORS

NUMBER OF SEQUENCES: 15
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Townsend and Townsend
 STREET: Stewart Street Tower, One Market Plaza
 CITY: San Francisco
 STATE: CA
 COUNTRY: USA
 ZIP: 94105
 COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.24
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/455,602
 FILING DATE: 31-MAY-1995
 CLASSIFICATION: 435
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 07/672,007
 FILING DATE: 18-MAR-1991
 APPLICATION NUMBER: US 07/648,481
 FILING DATE: 30-JAN-1991
 APPLICATION NUMBER: 07/626,805
 FILING DATE: 12-DEC-1990
 ATTORNEY/AGENT INFORMATION:
 NAME: Parmelee, Steven W
 REGISTRATION NUMBER: 31,990
 REFERENCE/DOCKET NUMBER: 13952-6-1-2
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 206-467-9600
 TELEFAX: 206-623-6793
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1199 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-455-602-2

Query Match 6.1%; Score 142; DB 1; Length 1199;
 Best Local Similarity 22.4%; Pred. No. 9.4e-06;
 Matches 85; Conservative 54; Mismatches 153; Indels 88; Gaps 19;
 QY 20 GAWAQGHVPPGCSQGQINPLVYLNCDRSAGWGVIEAVAGAGIVTFVLTILV-ASLDF 77
 Db 568 GWWPNAEL---TGCEPIPVRVYLEWSDESDESTIILAFSCLGIVLTVLFLVYRDPV 622
 QY 78 VQDTKRSLSLGTQVFFLGT-LGLFCLVIAVCVVPDFSTCASRPLFLGFVLFACFSCLLA 136
 Db 623 VKSSREL-C---YILAGIFLGVC-PFTLIAKPTTSCYLQRLVGLGSSAMCSAL-- 675
 QY 137 HVFAFLNFLARKNHG-----PR--GWWVTFVALLTILVLFVLTILVTFVLTILVREGG 184
 Db 676 -VTKNRIRARILLAGSKKKICTRKPRFMSAWQVIASTILISVOLT----LWVLI---- 725
 QY 185 EGGPOGNSZAGWAVASP-----CIAANDFVMAILYVMLLGAFLGAW 228
 Db 726 -----INEPMPILSYPSIKEVLYCINTSNLGWVAVPGYNGILIMCTYVF 772
 QY 773 KTRNVPANFNEAK-----YIAFTMVTICILWAVPVI-FGSNIKITTCAVSLST 824
 Db 825 VALGCMFTPKMYIILAKPERNRSFTSDVVRMHVGDKLPCRSNTFLNIFRKKGAG 884
 QY 229 -----PALCGRYKRMKRGVFLVLTATSSVIAIWVWIVMVTYGNKQHNSPTWDDPLATA 283
 Db 284 LAANAWAFVLFYVI---PE---VSQVTKSPEQSYQGD-MYPTRGVGYPMILKQK-GQS 335
 Db 336 MFVEN-KAFSMDPEAKRP 354
 Db 885 NANSGKSVSWSEPGRQAP 904

RESULT 14

US-08-465-157-2

Sequence 2, Application US/08465157

; Patient No. 585609

GENERAL INFORMATION

APPLICANT: Mulvihill, Eileen R

APPLICANT: Hagen, Frederick S

APPLICANT: Almers, Wolfhard M

TITLE OF INVENTION: G PROTEIN COUPLED GLUTAMATE

TITLE OF INVENTION: RECEPTORS

NUMBER OF SEQUENCES: 15

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend

STREET: Steuart Street Tower, One Market Plaza

CITY: San Francisco

STATE: CA

COUNTRY: USA

ZIP: 94105

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.24

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/465,157

FILING DATE: 12-DEC-1990

APPLICATION NUMBER: US/07/648,481

FILING DATE: 12-DEC-1990

APPLICATION NUMBER: US/07/626,806

FILING DATE: 12-DEC-1990

ATTORNEY/AGENT INFORMATION:

NAME: Parmelee, Steven W

REGISTRATION NUMBER: 31,990

REFERENCE/DOCKET NUMBER: 13952-6-1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 206-467-9600

TELEFAX: 206-623-6793

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 1199 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-465-157-2

Query Match 6.1%; Score 142; DB 2; Length 1199;

Best Local Similarity 22.4%; Pred. No. 9.4e-06;

Matches 85; Conservative 54; Mismatches 153; Indels 88; Gaps 19;

Qy 20 GAWAQGHVPPGCCSGLNPLVYIICDRSGAWGIVLEAVAGAGIVTTFLTILIV-ASLPF 77

Db 568 GWPNAEL---TGGPPIPVYLESDIESIAIAFSCRLGIVLTVLFLVFLYRDTPV 622

Qy 78 VDTKRSLLGTVFELGT-LGLFCLVFACTVVKPDPSTCASRFLFGVLAICFSCLAA 136

Db 623 VKSSRELC---YILAGIFLGIVC-PFTLIAKPTTSCYIQLRLLVGLSSAMCYSL- 675

Db 623 VKSSRELC---YILAGIFLGIVC-PFTLIAKPTTSCYIQLRLLVGLSSAMCYSL- 675

Qy 137 HVFALNFLARKNH-----PR---GWWIFTVALLTIVLVEVINTEWLITLVRGSG 184

Db 676 -VTKNRIARILLAGSKKKICTRKPRFMSAQAVQITASILISVLT---LWVTLI--- 725

Qy 185 EGGPGQGNSSAGAWAVASP-----CATANDFMVIALVMMILIGATLGW 228

Db 726 -----IMEPPMPILSPLSYPSIKEVYLICNTSGLVWAPVGONGLILMSCTYAF 772

Qy 229 -----PALCGRYKRRKRGHVFVLTATSVATVWVWVTTWVYTGKQHNSPTWDPDIAA 283

Db 773 KTRNPVPAFNEAK-----VIAFTWTTCTIWLAFWPIY-FGSNNKIIITCFAVSLSVT 824

Qy 284 LAANAWAFLVYI--PE--VSQVTKSSPEOSYQGD-MYTRGIVYETIKEQK-GQS 335

; Sequence 2, Application PC/TUS9109422

; GENERAL INFORMATION:

; APPLICANT: Mulvihill, Eileen R.

; APPLICANT: Hagen, Frederick S.

; APPLICANT: Almers, Wolfhard M.

; TITLE OF INVENTION: G PROTEIN-COUPLED GLUTAMATE RECEPTORS

; NUMBER OF SEQUENCES: 33

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Townsend and Townsend

; STREET: One Market Plaza, Steuart Street Tower

; CITY: San Francisco

; STATE: California

; COUNTRY: USA

; ZIP: 94105-1492

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: PCT/US91/09422

; FILING DATE: 19911212

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/672,007

; FILING DATE: 18-MAR-1991

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/648,481

; FILING DATE: 30-JAN-1991

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/626,806

; FILING DATE: 12-DEC-1990

; ATTORNEY/AGENT INFORMATION:

; NAME: Parmelee, Steven W

; REGISTRATION NUMBER: 31,990

; REFERENCE/DOCKET NUMBER: 13952-6PC

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (206) 467-9600

; TELEFAX: (415) 543-5043

; INFORMATION FOR SEQ ID NO: 2:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 1199 amino acids

; TYPE: AMINO ACID

; TOPOLOGY: linear

; MOLECULE TYPE: protein

; PCT-US91/09422-2

Query Match 6.1%; Score 142; DB 5; Length 1199;

Best Local Similarity 22.4%; Pred. No. 9.4e-06;

Matches 85; Conservative 54; Mismatches 153; Indels 88; Gaps 19;

Qy 20 GAWAQGHVPPGCCSGLNPLVYIICDRSGAWGIVLEAVAGAGIVTTFLTILIV-ASLPF 77

Db 568 GWPNAEL---TGGPPIPVYLESDIESIAIAFSCRLGIVLTVLFLVFLYRDTPV 622

Qy 78 VDTKRSLLGTVFELGT-LGLFCLVFACTVVKPDPSTCASRFLFGVLAICFSCLAA 136

Db 623 VKSSRELC---YILAGIFLGIVC-PFTLIAKPTTSCYIQLRLLVGLSSAMCYSL- 675

Qy 137 HVFALNFLARKNH-----PR---GWWIFTVALLTIVLVEVINTEWLITLVRGSG 184

Db -VTKTNRTRARILAGSKKKCITRKPRFMSAWAQVITASILISVOLT----LWVTLI--- 725
 Qy 185 EGGPOGNESAGGAWAYSP-----CIAANMDFMVMAIYVMLLGLGFLGAW 228
 Db 726 -----;IMEPPMPLILSYPSIKEVYLVICHNTSNLGWVAPGYNGLLIMSCRYYAF 772
 Qy 229 ----PALCGRYKWRKKGVFVLLTATSVAIWWVWIVMVTYGNQHNSPTWDDPTIA 283
 Db 773 KTRNWPANEAK-----YATIMTYTCIILWAEVPI-YGSVWKLITCFAVSLSVT 824
 Qy 284 LAANAWAFVLFYV-----PE--VSQVTKSPEQSYQGD-MYPTRWGYYETILKEK-GOS 335
 Db 825 VALGCMFTPKWYIITAKPERNRSAFTSDVVRMVGDGKLPCCRNTFLNIFRRKPGAG 884
 Qy 336 MFVEN-KAFSMDEWVAAKRP 354
 Db 885 NIANSGKSYVSWSEGGRQAP 904

Search completed: June 21, 2003, 01:39:57
Job time : 38 secs



OM protein - protein search, using sw model

Run on: June 21, 2003, 01:34:30 ; Search time 67 seconds
(without alignments)
712.277 Million cell updates/sec

Title: US-09-895-686-1

Perfect score: 2326

Sequence: 1 MAIHKALVCMCLGLPLFLFPG:.....ATPPKGDKNSQYFRNPYVWD 441

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 417779 seqs, 108206813 residues

Total number of hits satisfying chosen parameters: 417779

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA:*

1: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB_pep:*

2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB_pep:*

3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB_pep:*

4: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB_pep:*

5: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB_pep:*

6: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB_pep:*

7: /cgn2_6/ptodata/2/pubpaa/PCTNS_PUBCOMB_pep:*

8: /cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB_pep:*

9: /cgn2_6/ptodata/2/pubpaa/US09_NEW_PUB_pep:*

10: /cgn2_6/ptodata/2/pubpaa/US09_PUBCOMB_pep:*

11: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB_pep:*

12: /cgn2_6/ptodata/2/pubpaa/US10_PUBCOMB_pep:*

13: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB_pep:*

14: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB_pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

RESULTS

RESULT 1

US-09-871-874-21

; Sequence 21, Application US/09871874

; Patent No. US2002008155A1

; GENERAL INFORMATION:

; APPLICANT: SAVITZKI, Kinneret

; APPLICANT: TOPORK, Amir

; ATTORNEY: MINTZ, Lat

; TITLE OF INVENTION: Splice Variant of *mgliuR*

; FILE REFERENCE: 2786-0176P

; CURRENT APPLICATION NUMBER: US/09/871,874

; CURRENT FILING DATE: 2001-09-04

; NUMBER OF SEQ ID NOS: 21

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 21

; LENGTH: 441

; TYPE: PRT

; ORGANISM: Homo sapiens

ALIGNMENTS

Query Match 100.0%; Score 2326; DB 10; Length 441;

Best Local Similarity 100.0%; Pred. No. 3.4e-210;

Matches 441; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAIHKALVCMCLGLPLFLFPGAWAQHGVPPGCSQGNPPLYNLCDDSGAWGIVLEWAGAG 60

Db 1 MAIHKALVCMCLGLPLFLFPGAWAQHGVPPGCSQGNPPLYNLCDDSGAWGIVLEWAGAG 60

QY 61 IVTTFVLTIVLAVLFLQDQIKKRSLGTGTOFGLGTLGFLCFLVACVWQDPDESCASRR 120

Db 61 IVTTFVLTIVLAVLFLQDQIKKRSLGTGTOFGLGTLGFLCFLVACVWQDPDESCASRR 120

QY 121 FLFGVFLRCAICSCLAHVFLNFLARKNHGRGWIFTVALLLTVIENTEWILLY 180

Db 121 FLFGVFLRCAICSCLAHVFLNFLARKNHGRGWIFTVALLLTVIENTEWILLY 180

QY 241 HGVFVLTITAVNVAIWVWVNYTGNKHOHSPTDPTIALALANAWAFLFVYIPEV 300

Sequence 16, Appl

Sequence 247, Appl

Sequence 15, Appl

Sequence 349, Appl

Sequence 123, Appl

Sequence 6, Appl

Sequence 78, Appl

Sequence 4, Appl

Sequence 14, Appl

Sequence 2, Appl

Sequence 37046, A

Sequence 2, Appl

Sequence 2, Appl

Sequence 10, Appl

Sequence 7, Appl

Sequence 2, Appl

Sequence 6, Appl

Sequence 6, Appl

Sequence 12, Appl

Sequence 8, Appl

Sequence 10, Appl

SEQUARIES

Result No.	Score	Query Match Length	DB ID	Description
1	2326	100.0	441	US-09-871-874-21
2	2326	100.0	441	US-09-895-686-1
3	2326	100.0	486	US-09-871-874-14
4	2274	97.8	451	US-09-871-874-9
5	2274	97.8	451	US-09-871-874-13
6	2274	97.8	496	US-09-871-874-12
7	2250	96.7	473	US-09-871-874-19
8	2027	87.1	400	US-10-097-005-16
9	2019	86.8	401	US-09-871-874-11
10	2019	86.8	446	US-09-871-874-10
11	1018	43.8	234	US-09-871-874-20
12	733	31.5	403	US-09-871-874-121
13	733	31.5	403	US-09-826-508-30
14	31.5	403	10	US-09-895-686-50
15	733	31.5	427	US-09-895-686-32
16	558	24.0	357	US-10-176-847-60
17	550	23.7	313	US-09-864-580-4
18	533	22.9	347	US-09-866-050-326
19	479.5	20.6	125	US-09-871-874-17
10	479.5	20.6	US-09-871-874-17	

Db 241 HGVFVLLTATSVAIWWVVIVMVTYGNKQHNSPTWDDPDTLALAANAWAFVLFYIPEV 300
 Qy 301 SQTKSSPEQSYQGDMPTRGVGYETILEKQGQSMVENEKAESMDEPVAAKRVPVSYG 360
 Db 301 SQTKSSPEQSYQGDMPTRGVGYETILEKQGQSMVENEKAESMDEPVAAKRVPVSYG 360
 Qy 361 YNQQLTSVYQPTEMALMHKVSEGAVIDILPRATANSQVMGSANSTLRAEDMYSQSHQ 420
 Db 361 YNQQLTSVYQPTEMALMHKVSEGAVIDILPRATANSQVMGSANSTLRAEDMYSQSHQ 420
 Qy 421 AATPPKGDKNSQFRNPYVWD 441
 Db 421 AATPPKGDKNSQFRNPYVWD 441
 RESULT 2
 ; Sequence 1, Application US/09895686
 ; Patent No. US20020106655A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Bandman, Olga
 ; APPLICANT: Lal, Preeti
 ; APPLICANT: Tang, Y. Tom
 ; APPLICANT: Baughn, Mariah R.
 ; TITLE OF INVENTION: HUMAN GPCR PROTEINS
 ; FILE REFERENCE: PC-0044 CIP
 ; CURRENT APPLICATION NUMBER: US/09/895, 686
 ; CURRENT FILING DATE: 2001-06-28
 ; NUMBER OF SEQ ID NOS: 21
 ; SEQ ID NO 14
 ; LENGTH: 486
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-09-871-874-14
 ; OTHER INFORMATION: Incyte ID No. US20020106655A1 1258981CD1
 ;
 Query Match 100.0%; Score 2326; DB 10; Length 441;
 Best Local Similarity 100.0%; Pred. No. 3. 9e-210;
 Matches 441; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 MATHKALYMCMLGLPFLPFGAWAQGHVPPGCSQGLNPLYNICDRSGAWGIVLEAVAGAG 60
 Db 46 MATHKALYMCMLGLPFLPFGAWAQGHVPPGCSQGLNPLYNICDRSGAWGIVLEAVAGAG 105
 Qy 61 IVTTFFVUTIILVASLPLFVQDTKRSLSLGTQVFFLGLTGFLCIVFAVYKPKPESTCASRR 120
 Db 106 IVTTFFVUTIILVASLPLFVQDTKRSLSLGTQVFFLGLTGFLCIVFAVYKPKPESTCASRR 165
 Qy 121 FFLGVFLAICFSCLAHVFALNLFALRNHGPROWVITVALLTIVLVEVITVWEWLITLV 180
 Db 166 FFLGVFLAICFSCLAHVFALNLFALRNHGPROWVITVALLTIVLVEVITVWEWLITLV 225
 Qy 181 RGSGEGGPOGNSSAGWAVASPCALANNDFVMAILYVMLLIGAFLGAWPALCGRYKWRK 240
 Db 226 RGSGEGGPOGNSSAGWAVASPCALANNDFVMAILYVMLLIGAFLGAWPALCGRYKWRK 285
 Qy 241 HGVFVLLTATSVAIWWVVIVMVTYGNKQHNSPTWDDPDTLALAANAWAFVLFYIPEV 300
 Db 286 HGVFVLLTATSVAIWWVVIVMVTYGNKQHNSPTWDDPDTLALAANAWAFVLFYIPEV 345
 Qy 301 SQTKSSPEQSYQGDMPTRGVGYETILEKQGQSMVENEKAESMDEPVAAKRVPVSYG 360
 Db 346 SQTKSSPEQSYQGDMPTRGVGYETILEKQGQSMVENEKAESMDEPVAAKRVPVSYG 405
 Qy 361 YNQQLTSVYQPTEMALMHKVSEGAVIDILPRATANSQVMGSANSTLRAEDMYSQSHQ 420
 Db 406 YNQQLTSVYQPTEMALMHKVSEGAVIDILPRATANSQVMGSANSTLRAEDMYSQSHQ 465
 Qy 421 AATPPKGDKNSQFRNPYVWD 441
 Db 466 AATPPKGDKNSQFRNPYVWD 486
 RESULT 4
 ; Sequence 9, Application US/09871874
 ; Patent No. US20020081655A1
 ; GENERAL INFORMATION:
 ; APPLICANT: SAVITZKY, Kinneret
 ; APPLICANT: TOPORIK, Amir
 ; APPLICANT: MINTZ, Liat
 ; TITLE OF INVENTION: Splice Variant of mGluR
 ; FILE REFERENCE:
 ; CURRENT APPLICATION NUMBER: US/09/871, 874
 ; CURRENT FILING DATE: 2001-09-04
 ; NUMBER OF SEQ ID NOS: 21
 ; US-09-895-686-1

; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 451
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-871-874-9

Query Match 97.8%; Score 2274; DB 10; Length 451;
Best Local Similarity 100.0%; Pred. No. 2.7e-205; Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAIHKALVMCIGLPLFPGAWAQGHVPPCGSQGLNPLYNNLCDRSGAWGIVLEAVAGAG 60
1 MAIHKALVMCIGLPLFPGAWAQGHVPPCGSQGLNPLYNNLCDRSGAWGIVLEAVAGAG 60
61 IVTFVLTILVASYLPVQDTRKRSILGTQVFLFLGTLGFLCLVACVVKPDFSTCASRR 120
61 IVTFVLTILVASYLPVQDTRKRSILGTQVFLFLGTLGFLCLVACVVKPDFSTCASRR 120

QY 121 FLFGVLFACISCLAAHVFLAKNKGPRGWIVTFVALLTIVEVINTEWILITLV 180
121 FLFGVLFACISCLAAHVFLAKNKGPRGWIVTFVALLTIVEVINTEWILITLV 180

QY 181 RGSGGGPOENSSAGAWAVASPCAIANMDFTMIALTYVMLLIGAFLGAWPAICGRKRWRK 240
181 RGSGGGPOENSSAGAWAVASPCAIANMDFTMIALTYVMLLIGAFLGAWPAICGRKRWRK 240

QY 241 HGVFVLTITATSVAIWWVWVIMVYGNKQHNSPWPDDPTIALAANAWAFLVFLVYPEV 300
241 HGVFVLTITATSVAIWWVWVIMVYGNKQHNSPWPDDPTIALAANAWAFLVFLVYPEV 300

QY 301 SQVTKSSPEQSQGDMPTRGVTYETILKEQKGQSMVENVAKAFSDEPVAKRPPSPYSG 360
301 SQVTKSSPEQSQGDMPTRGVTYETILKEQKGQSMVENVAKAFSDEPVAKRPPSPYSG 360

QY 361 YNGQOLITSVYQPTEMALMHKYPSEGAYDILPRATANSQVMSANSTRAEDMSAQSHQ 420
361 YNGQOLITSVYQPTEMALMHKYPSEGAYDILPRATANSQVMSANSTRAEDMSAQSHQ 420

QY 421 AATPPKGDKNSQV 433
421 AATPPKGDKNSQV 433

Db 421 AATPPKGDKNSQV 433

RESULT 5
US-09-871-874-13
; Sequence 13, Application US/09871874
; Patent No. US20030081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZY, Kinneret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mGluR
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 496
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-871-874-13

Query Match 97.8%; Score 2274; DB 10; Length 496;
Best Local Similarity 100.0%; Pred. No. 3.1e-205; Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAIHKALVMCIGLPLFPGAWAQGHVPPCGSQGLNPLYNNLCDRSGAWGIVLEAVAGAG 60
1 MAIHKALVMCIGLPLFPGAWAQGHVPPCGSQGLNPLYNNLCDRSGAWGIVLEAVAGAG 60
61 IVTFVLTILVASYLPVQDTRKRSILGTQVFLFLGTLGFLCLVACVVKPDFSTCASRR 120
61 IVTFVLTILVASYLPVQDTRKRSILGTQVFLFLGTLGFLCLVACVVKPDFSTCASRR 120

QY 121 FLFGVLFACISCLAAHVFLAKNKGPRGWIVTFVALLTIVEVINTEWILITLV 180
121 FLFGVLFACISCLAAHVFLAKNKGPRGWIVTFVALLTIVEVINTEWILITLV 180

QY 181 RGSGGGPOENSSAGAWAVASPCAIANMDFTMIALTYVMLLIGAFLGAWPAICGRKRWRK 240
181 RGSGGGPOENSSAGAWAVASPCAIANMDFTMIALTYVMLLIGAFLGAWPAICGRKRWRK 240

QY 241 HGVFVLTITATSVAIWWVWVIMVYGNKQHNSPWPDDPTIALAANAWAFLVFLVYPEV 300
241 HGVFVLTITATSVAIWWVWVIMVYGNKQHNSPWPDDPTIALAANAWAFLVFLVYPEV 300

QY 301 SQVTKSSPEQSQGDMPTRGVTYETILKEQKGQSMVENVAKAFSDEPVAKRPPSPYSG 360
301 SQVTKSSPEQSQGDMPTRGVTYETILKEQKGQSMVENVAKAFSDEPVAKRPPSPYSG 360

QY 361 YNGQOLITSVYQPTEMALMHKYPSEGAYDILPRATANSQVMSANSTRAEDMSAQSHQ 420
361 YNGQOLITSVYQPTEMALMHKYPSEGAYDILPRATANSQVMSANSTRAEDMSAQSHQ 420

QY 421 AATPPKGDKNSQV 433
421 AATPPKGDKNSQV 433

Db 421 AATPPKGDKNSQV 433

RESULT 6
US-09-871-874-12
; Sequence 12, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZY, Kinneret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mGluR
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 496
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-871-874-12

Query Match 97.8%; Score 2274; DB 10; Length 496;
Best Local Similarity 100.0%; Pred. No. 3.1e-205; Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAIHKALVMCIGLPLFPGAWAQGHVPPCGSQGLNPLYNNLCDRSGAWGIVLEAVAGAG 60
1 MAIHKALVMCIGLPLFPGAWAQGHVPPCGSQGLNPLYNNLCDRSGAWGIVLEAVAGAG 60
46 MAIHKALVMCIGLPLFPGAWAQGHVPPCGSQGLNPLYNNLCDRSGAWGIVLEAVAGAG 105

QY 61 IVTFVLTILVASYLPVQDTRKRSILGTQVFLFLGTLGFLCLVACVVKPDFSTCASRR 120
61 IVTFVLTILVASYLPVQDTRKRSILGTQVFLFLGTLGFLCLVACVVKPDFSTCASRR 120

QY 106 IVTFVLTILVASYLPVQDTRKRSILGTQVFLFLGTLGFLCLVACVVKPDFSTCASRR 165
106 IVTFVLTILVASYLPVQDTRKRSILGTQVFLFLGTLGFLCLVACVVKPDFSTCASRR 165

QY 121 FLFGVLFACISCLAAHVFLAKNKGPRGWIVTFVALLTIVEVINTEWILITLV 180
121 FLFGVLFACISCLAAHVFLAKNKGPRGWIVTFVALLTIVEVINTEWILITLV 180

Db 166 FLFGVLFACISCLAAHVFLAKNKGPRGWIVTFVALLTIVEVINTEWILITLV 225
166 FLFGVLFACISCLAAHVFLAKNKGPRGWIVTFVALLTIVEVINTEWILITLV 225

QY 181 RGSGGGPOENSSAGAWAVASPCAIANMDFTMIALTYVMLLIGAFLGAWPAICGRKRWRK 240
181 RGSGGGPOENSSAGAWAVASPCAIANMDFTMIALTYVMLLIGAFLGAWPAICGRKRWRK 240

QY 241 HGVFVLTITATSVAIWWVWVIMVYGNKQHNSPWPDDPTIALAANAWAFLVFLVYPEV 300
241 HGVFVLTITATSVAIWWVWVIMVYGNKQHNSPWPDDPTIALAANAWAFLVFLVYPEV 300

QY 286 RGSGGGPOENSSAGAWAVASPCAIANMDFTMIALTYVMLLIGAFLGAWPAICGRKRWRK 285
286 RGSGGGPOENSSAGAWAVASPCAIANMDFTMIALTYVMLLIGAFLGAWPAICGRKRWRK 285

QY 301 SQVTKSSPEQSQGDMPTRGVTYETILKEQKGQSMVENVAKAFSDEPVAKRPPSPYSG 360
301 SQVTKSSPEQSQGDMPTRGVTYETILKEQKGQSMVENVAKAFSDEPVAKRPPSPYSG 360

RESULT 7

US-09-871-874-19

; Sequence 19, Application US/09871874

; Patent No. US20020081655A1

; GENERAL INFORMATION:

; APPLICANT: SAVITZKY, Kinneret

; APPLICANT: TOPORIK, Amir

; APPLICANT: MINTZ, Liat

; TITLE OF INVENTION: Splice variant of mglur

; FILE REFERENCE: 2786-0176P

; CURRENT APPLICATION NUMBER: US/09/871,874

; CURRENT FILING DATE: 2001-09-04

; NUMBER OF SEQ ID NOS: 21

; SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 19

LENGTH: 473

TYPE: PRT

ORGANISM: Homo sapiens

US-09-871-874-19

Query Match 96.7%; Score 2250; DB 10; Length 473; Best Local Similarity 100.0%; Pred. No. 5 2e-203; Matches 428; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Software: Patentin Ver. 2.1

Oy 1 MATHKALVMCIGLPLFLPFGAWAQHGVPPGCSQGLNPLNYNLCDRSGAWGIVLEAVAGAG 60

1 MAIHKALVMCIGLPLFLPFGAWAQHGVPPGCSQGLNPLNYNLCDRSGAWGIVLEAVAGAG 60

Oy 61 IWTTFVLTILIVASLPLFVQDTKRSLSQTQVFFLIGLFLCLVFACTVKPDESTCASRR 120

61 IWTTFVLTILIVASLPLFVQDTKRSLSQTQVFFLIGLFLCLVFACTVKPDESTCASRR 120

Db 121 FLFGVLFAICFSCLAHVFAFLNFKARKNGPQWVIFTVALLTLEVINTEWLILTV 180

121 FLFGVLFAICFSCLAHVFAFLNFKARKNGPQWVIFTVALLTLEVINTEWLILTV 180

Oy 181 RSGSGEGPGQGNSSAGAWAVASPCIANMDFYMALITYVMLLIGAFLGAMPALCGRYKRWK 240

181 RSGSGEGPGQGNSSAGAWAVASPCIANMDFYMALITYVMLLIGAFLGAMPALCGRYKRWK 240

Db 241 HGVFVLLTTATSVAVWWVWVWVMTYGNKQHNSPTWDPTLIALAANAWFVLFVIEPV 300

241 HGVFVLLTTATSVAVWWVWVWVMTYGNKQHNSPTWDPTLIALAANAWFVLFVIEPV 300

Oy 301 SQTKSSPEQSYQGDMPTTRGQYETILKEQKQSMFVENKAFAKRSMDPEVAKRPPSPYSG 360

301 SQTKSSPEQSYQGDMPTTRGQYETILKEQKQSMFVENKAFAKRSMDPEVAKRPPSPYSG 360

Db 361 YNGQLLTSVYQPTEMALMHKVSEGAVDILPRATANSQMGSANSTRAEDMSAQSHQ 420

361 YNGQLLTSVYQPTEMALMHKVSEGAVDILPRATANSQMGSANSTRAEDMSAQSHQ 420

Db 421 AATPPKGD 428

421 AATPPKGD 428

Db 421 AATPPKGD 428

US-09-871-874-19

; Sequence 19, Application US/09871874

; Patent No. US20020081655A1

; GENERAL INFORMATION:

; APPLICANT: MOLE, Paul A. et al.

; TITLE OF INVENTION: 110 Human Secreted Proteins

; FILE REFERENCE: PZ021P1

; CURRENT APPLICATION NUMBER: US/10/097,065

; CURRENT FILING DATE: 2002-03-14

; PRIOR APPLICATION NUMBER: PCT/US98/27059

; PRIOR FILING DATE: 1998-12-17

; PRIOR APPLICATION NUMBER: 60/070,923

; PRIOR FILING DATE: 1997-12-18

; PRIOR APPLICATION NUMBER: 60/068,007

; PRIOR FILING DATE: 1997-12-18

; PRIOR APPLICATION NUMBER: 60/068,057

; PRIOR FILING DATE: 1997-12-18

; PRIOR APPLICATION NUMBER: 60/068,066

; PRIOR FILING DATE: 1997-12-18

; PRIOR APPLICATION NUMBER: 60/068,369

; PRIOR FILING DATE: 1997-12-19

; PRIOR APPLICATION NUMBER: 60/068,367

; PRIOR FILING DATE: 1997-12-19

; PRIOR APPLICATION NUMBER: 60/068,368

; PRIOR FILING DATE: 1997-12-19

; PRIOR APPLICATION NUMBER: 60/068,169

; PRIOR FILING DATE: 1997-12-19

; PRIOR APPLICATION NUMBER: 60/068,053

; PRIOR FILING DATE: 1997-12-18

; PRIOR APPLICATION NUMBER: 60/068,064

; PRIOR FILING DATE: 1997-12-18

; PRIOR APPLICATION NUMBER: 60/068,054

; PRIOR FILING DATE: 1997-12-18

; PRIOR APPLICATION NUMBER: 60/068,008

; PRIOR FILING DATE: 1997-12-18

; PRIOR APPLICATION NUMBER: 60/068,365

; PRIOR FILING DATE: 1997-12-19

; NUMBER OF SEQ ID NOS: 672

; SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 146

LENGTH: 400

TYPE: PRT

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: SITE

LOCATION: (400)

; OTHER INFORMATION: Xaa equals stop translation

US-10-097-065-146

Query Match 87.1%; Score 2027; DB 9; Length 400; Best Local Similarity 100.0%; Pred. No. 3.7e-182; Matches 384; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Software: Patentin Ver. 2.1

Oy 1 MATHKALVMCIGLPLFLPFGAWAQHGVPPGCSQGLNPLNYNLCDRSGAWGIVLEAVAGAG 60

1 MAIHKALVMCIGLPLFLPFGAWAQHGVPPGCSQGLNPLNYNLCDRSGAWGIVLEAVAGAG 60

Oy 61 IWTTFVLTILIVASLPLFVQDTKRSLSQTQVFFLIGLFLCLVFACTVKPDESTCASRR 120

61 IWTTFVLTILIVASLPLFVQDTKRSLSQTQVFFLIGLFLCLVFACTVKPDESTCASRR 120

Db 61 FLFGVLFAICFSCLAHVFAFLNFKARKNGPQWVIFTVALLTLEVINTEWLILTV 180

61 FLFGVLFAICFSCLAHVFAFLNFKARKNGPQWVIFTVALLTLEVINTEWLILTV 180

Oy 121 FLFGVLFAICFSCLAHVFAFLNFKARKNGPQWVIFTVALLTLEVINTEWLILTV 180

121 FLFGVLFAICFSCLAHVFAFLNFKARKNGPQWVIFTVALLTLEVINTEWLILTV 180

Db 121 AATPPKGD 428

121 AATPPKGD 428

Db 181 RSGSGEGPGQGNSSAGAWAVASPCIANMDFYMALITYVMLLIGAFLGAMPALCGRYKRWK 240

181 RSGSGEGPGQGNSSAGAWAVASPCIANMDFYMALITYVMLLIGAFLGAMPALCGRYKRWK 240

Db 241 HGVFVLLTTATSVAVWWVWVWVMTYGNKQHNSPTWDPTLIALAANAWFVLFVIEPV 300

241 HGVFVLLTTATSVAVWWVWVWVMTYGNKQHNSPTWDPTLIALAANAWFVLFVIEPV 300

Oy 301 SQTKSSPEQSYQGDMPTTRGQYETILKEQKQSMFVENKAFAKRSMDPEVAKRPPSPYSG 360

301 SQTKSSPEQSYQGDMPTTRGQYETILKEQKQSMFVENKAFAKRSMDPEVAKRPPSPYSG 360

Db 361 YNGQLLTSVYQPTEMALMHKVSEGAVDILPRATANSQMGSANSTRAEDMSAQSHQ 420

361 YNGQLLTSVYQPTEMALMHKVSEGAVDILPRATANSQMGSANSTRAEDMSAQSHQ 420

Db 421 AATPPKGD 428

421 AATPPKGD 428

Db 421 AATPPKGD 428

US-10-097-065-146

; Sequence 146, Application US/10097065

; Publication No. US200305523A1

RESULT 9
 US-09-871-874-11
 Sequence 11, Application US/09871874
 Patent No. US20020081655A1
 GENERAL INFORMATION:
 APPLICANT: SAVITZY, Kinneret
 APPLICANT: TOPRIK, Amir
 APPLICANT: MINTZ, Liat
 TITLE OF INVENTION: Splice Variant of mGluR
 FILE REFERENCE: 2786-0176
 CURRENT APPLICATION NUMBER: US/09/871, 874
 CURRENT FILING DATE: 2001-09-04
 NUMBER OF SEQ ID NOS: 21
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 11
 LENGTH: 401
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-871-874-11

Query Match 86.8%; Score 2019; DB 10; Length 446;
 Best Local Similarity 97.0%; Pred. No. 2,4e-181;
 Matches 387; Conservative 2; Mismatches 4; Indels 6; Gaps 2;
 Matches 387; Conservative 2; Mismatches 4; Indels 6; Gaps 2;

Qy 1 MATHKALVMCLGLPLFLPFGAWAQHGVPPGCSQGLNPLYNICDRSGAWGIVLEAVAGAG 60
 Db 46 MATHKALVMCLGLPLFLPFGAWAQHGVPPGCSQGLNPLYNICDRSGAWGIVLEAVAGAG 105
 61 IVTFVFLTILVSLPFPVQDTKRSLSLGTQFFFLGTLGLFCFLVFACTVKPDPSTCASRR 120
 106 IVTFVFLTILVSLPFPVQDTKRSLSLGTQFFFLGTLGLFCFLVFACTVKPDPSTCASRR 165
 121 FLFGVLFIAICFSCIAAHVFALLNLARKNHGRGWIVTFVALLLTVEINTWLLITLV 180
 166 FLFGVLFIAICFSCIAAHVFALLNLARKNHGRGWIVTFVALLLTVEINTWLLITLV 225
 181 RGSGEGGPGNNSAGAWASPACIATANMDFYMLIYVMLLGAFLGAWPALCGRYKWRK 240
 Db 226 RGSGEGGPGNNSAGAWASPACIATANMDFYMLIYVMLLGAFLGAWPALCGRYKWRK 285
 241 HGIVFVLLTATSAIWWWWIVMTYGNKHNSTWDDPLTALAAANAWAFVYIPEV 300
 121 FLFGVLFIAICFSCIAAHVFALLNLARKNHGRGWIVTFVALLLTVEINTWLLITLV 180
 181 RGSGEGGPGNNSAGAWASPACIATANMDFYMLIYVMLLGAFLGAWPALCGRYKWRK 240
 346 SQVTKSSPFBQSYQGDMYPTRGVSYETIKEQKQSMFVNENKATSDEPVAAKRKPVSPSG 360
 301 SQVTKSSPFBQSYQGDMYPTRGVSYETIKEQKQSMFVNENKATSDEPVAAKRKPVSPSG 405
 Db 361 YNGQLLTISVYQPTEMALMHKVPE-SEGAVDILPRATANS 398
 406 YNGQLLTISVYQPTEMALMHKVPE-SEGAVDILPRATANS 439

Qy 121 FLFGVLFIAICFSCIAAHVFALLNLARKNHGRGWIVTFVALLLTVEINTWLLITLV 180
 121 FLFGVLFIAICFSCIAAHVFALLNLARKNHGRGWIVTFVALLLTVEINTWLLITLV 180
 181 RGSGEGGPGNNSAGAWASPACIATANMDFYMLIYVMLLGAFLGAWPALCGRYKWRK 240
 241 HGIVFVLLTATSAIWWWWIVMTYGNKHNSTWDDPLTALAAANAWAFVYIPEV 300
 241 HGIVFVLLTATSAIWWWWIVMTYGNKHNSTWDDPLTALAAANAWAFVYIPEV 300
 301 SQVTKSSPFBQSYQGDMYPTRGVSYETIKEQKQSMFVNENKATSDEPVAAKRKPVSPSG 360
 301 SQVTKSSPFBQSYQGDMYPTRGVSYETIKEQKQSMFVNENKATSDEPVAAKRKPVSPSG 360
 Db 361 YNGQLLTISVYQPTEMALMHKVPE-SEGAVDILPRATANS 398
 361 YNGQLLTISVYQPTEMALMHKVPE-SEGAVDILPRATANS 398
 Db 361 YNGQLLTISVYQPTEMALMHKVPE-SEGAVDILPRATANS 398

RESULT 10
 US-09-871-874-10
 Sequence 10, Application US/09871874
 Patent No. US20020081655A1
 GENERAL INFORMATION:
 APPLICANT: SAVITZY, Kinneret
 APPLICANT: TOPRIK, Amir
 APPLICANT: MINTZ, Liat
 TITLE OF INVENTION: Splice Variant of mGluR
 FILE REFERENCE: 2786-0176
 CURRENT APPLICATION NUMBER: US/09/871, 874
 CURRENT FILING DATE: 2001-09-04
 NUMBER OF SEQ ID NOS: 21
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 20
 LENGTH: 234
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-871-874-20

Query Match 86.8%; Score 2019; DB 10; Length 446;
 Best Local Similarity 97.0%; Pred. No. 2,4e-181;
 Matches 387; Conservative 2; Mismatches 4; Indels 6; Gaps 2;
 Matches 387; Conservative 2; Mismatches 4; Indels 6; Gaps 2;

Qy 1 MATHKALVMCLGLPLFLPFGAWAQHGVPPGCSQGLNPLYNICDRSGAWGIVLEAVAGAG 60
 Db 1 MATHKALVMCLGLPLFLPFGAWAQHGVPPGCSQGLNPLYNICDRSGAWGIVLEAVAGAG 60
 61 IVTFVFLTILVSLPFPVQDTKRSLSLGTQFFFLGTLGLFCFLVFACTVKPDPSTCASRR 120
 61 IVTFVFLTILVSLPFPVQDTKRSLSLGTQFFFLGTLGLFCFLVFACTVKPDPSTCASRR 165
 61 IVTFVFLTILVSLPFPVQDTKRSLSLGTQFFFLGTLGLFCFLVFACTVKPDPSTCASRR 120
 61 IVTFVFLTILVSLPFPVQDTKRSLSLGTQFFFLGTLGLFCFLVFACTVKPDPSTCASRR 120
 121 FLFGVLFIAICFSCIAAHVFALLNLARKNHGRGWIVTFVALLLTVEINTWLLITLV 180

Db 121 FLFVVLFAFCFSCLAHVFAFLNFKRKNHGPRGVWIFTWALLTIVTNEWLITLV 180
 Qy 181 RGSGEGGPQGNSSA------GW 196
 Db 181 RGSGEGGPQGNSSA PDEPPSLPVFGW 208

RESULT 12
 US 10-097-340-121
 ; Sequence 121, Application US/10097340
 ; Publication No. US20030087250A1
 GENERAL INFORMATION:
 ;
 APPLICANT: John MONIHAN
 APPLICANT: Manjula GANNAVAPPU
 APPLICANT: Sebastian HOERSCH
 APPLICANT: Shubhangi KAMATKAR
 APPLICANT: Steve G. KOVATS
 APPLICANT: Rachel E. MEYERS
 APPLICANT: Michael MORRISSEY
 APPLICANT: Peter OLANDT
 APPLICANT: Ami SEN
 APPLICANT: Peter VIBY
 APPLICANT: Gordon B. MILLS
 APPLICANT: Robert C. BAST, Jr.
 APPLICANT: Karen LU
 APPLICANT: Rosemarie SCHMANDT
 APPLICANT: Karen GIATT
 TITLE OF INVENTION: Nucleic Acid Molecules and Proteins For The Identification, Assessment, Prevention, and Therapy of Ovarian Cancer
 FILE REFERENCE: MRT-030
 CURRENT APPLICATION NUMBER: US/10/097,340
 CURRENT FILING DATE: 2002-03-14
 PRIOR APPLICATION NUMBER: 60/276,025
 PRIOR APPLICATION NUMBER: 60/325,149
 PRIOR APPLICATION NUMBER: 60/325,149
 PRIOR FILING DATE: 2001-09-26
 PRIOR FILING DATE: 2001-03-14
 PRIOR APPLICATION NUMBER: 60/324,967
 PRIOR FILING DATE: 2001/09/26
 PRIOR APPLICATION NUMBER: 60/311,732
 PRIOR FILING DATE: 2001-08-10
 PRIOR APPLICATION NUMBER: 60/325,102
 PRIOR FILING DATE: 2001-09-26
 PRIOR APPLICATION NUMBER: 60/323,580
 PRIOR FILING DATE: 2001-09-19
 NUMBER OF SEQ ID NOS: 363
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 30
 LENGTH: 403
 TYPE: PRT
 ORGANISM: HOMO SAPIENS
 US-09-826-508-30

RESULT 13
 US 09-826-508-30
 ; Sequence 30, Application US/09826508
 ;
 GENERAL INFORMATION:
 ;
 APPLICANT: Nasil Elshourbagy
 APPLICANT: Lisa Vawter
 TITLE OF INVENTION: G Protein-Coupled Receptor Polypeptides
 FILE REFERENCE: GP-7074AUSB
 CURRENT APPLICATION NUMBER: US/09/826,508
 CURRENT FILING DATE: 2001-04-05
 NUMBER OF SEQ ID NOS: 40
 SEQ ID NO: 30
 LENGTH: 403
 TYPE: PRT
 ORGANISM: HOMO SAPIENS
 US-09-826-508-30

Query Match 31.5%: Score 733; DB 10; length 403;
 Best Local Similarity 39.4%; Pred. No. 1.5e-60;
 Matches 164; Conservative 60; Mismatches 114; Indels 78; Gaps 9;

Db 1 MATHKALYMLCGLPLFLFPG-ANAQGHVPPGCCSQQGLMLPVLNNLICDRSGAWGTVLEAVAGA 59
 Qy 9 MRAHQVLFPL--LFVITSVASENASTSRGGCLDLPQYVSLCDLDAIWGVIEAVAGA 65
 Db 60 GIVTTFVLTILVASYLSPVQDVTKRSRLGTOVFFLGLTGLFCLVACVVKPDFESTCASR 119
 Qy 66 GALITLMLMLLVLRLPFTKEKEKKSPVGLHLFLGLTGLFGLTFAFIQDETCISVR 125
 Db 120 REFLGVLAFCSCLAHVFAFLNFKRKNHGPRGVWIFTWALLTIVTNEWLITLV 179
 Qy 126 RFLGVLFALCFSCSCLQSVRLVRHGTGPGWQVLAQCLMIVYVITAVENWLTV 185
 Db 180 VRSGEGGPQGNSSAGWAWASPCAIAANDDVMAILYVMLLGAFLGAWPALCGRKRWR 239
 Db 186 LRPT-----RPACAYEPDFMVALYDVLWVTLISLALFLGKGRKWR 230

Query Match 31.5%: Score 733; DB 9; Length 403;
 Best Local Similarity 39.4%; Pred. No. 1.5e-60; Mismatches 164; Conservative 60; Mismatches 114; Indels 78; Gaps 9;

Db 1 MATHKALYMLCGLPLFLFPG-ANAQGHVPPGCCSQQGLMLPVLNNLICDRSGAWGTVLEAVAGA 59
 Qy 9 MRAHQVLFPL--LFVITSVASENASTSRGGCLDLPQYVSLCDLDAIWGVIEAVAGA 65
 Db 60 GIVTTFVLTILVASYLSPVQDVTKRSRLGTOVFFLGLTGLFCLVACVVKPDFESTCASR 119
 Qy 66 GALITLMLMLLVLRLPFTKEKEKKSPVGLHLFLGLTGLFGLTFAFIQDETCISVR 125
 Db 240 KHGVFVLTATSVIAIWVWIVYTYCN-KHOHNSPTWDPDTLIAJALANAWAFVLFVIP 298
 Db 231 LNGAFLLITAFSLSVLIVAWTMVLFQGVNLQGDAANDPFLAITLAASLGWVVFHAIPI 290
 Db 299 EV-----SQTKSSP--DQSYQDMYIPRGVGETILIKEQKGOSMFENKA 342
 Db 291 EHCITLIPALOENTPNTDTSQPRMRTAEDFEVQBLPRA-----YHENKA 335
 Db 343 FSMDEPVAA-----KRPVSPYSCINGQLTSYQPTEMALM 378
 Db 336 FSMDEHNALRTAGFPNGSLGKRPSGLGKRPSA PFR-----SNVYQPTEMAVV 384

RESULT 14
 US 09-895-686-5
 ; Sequence 5, Application US/09895686
 ; Patent No. US2002010665A1
 ; GENERAL INFORMATION:

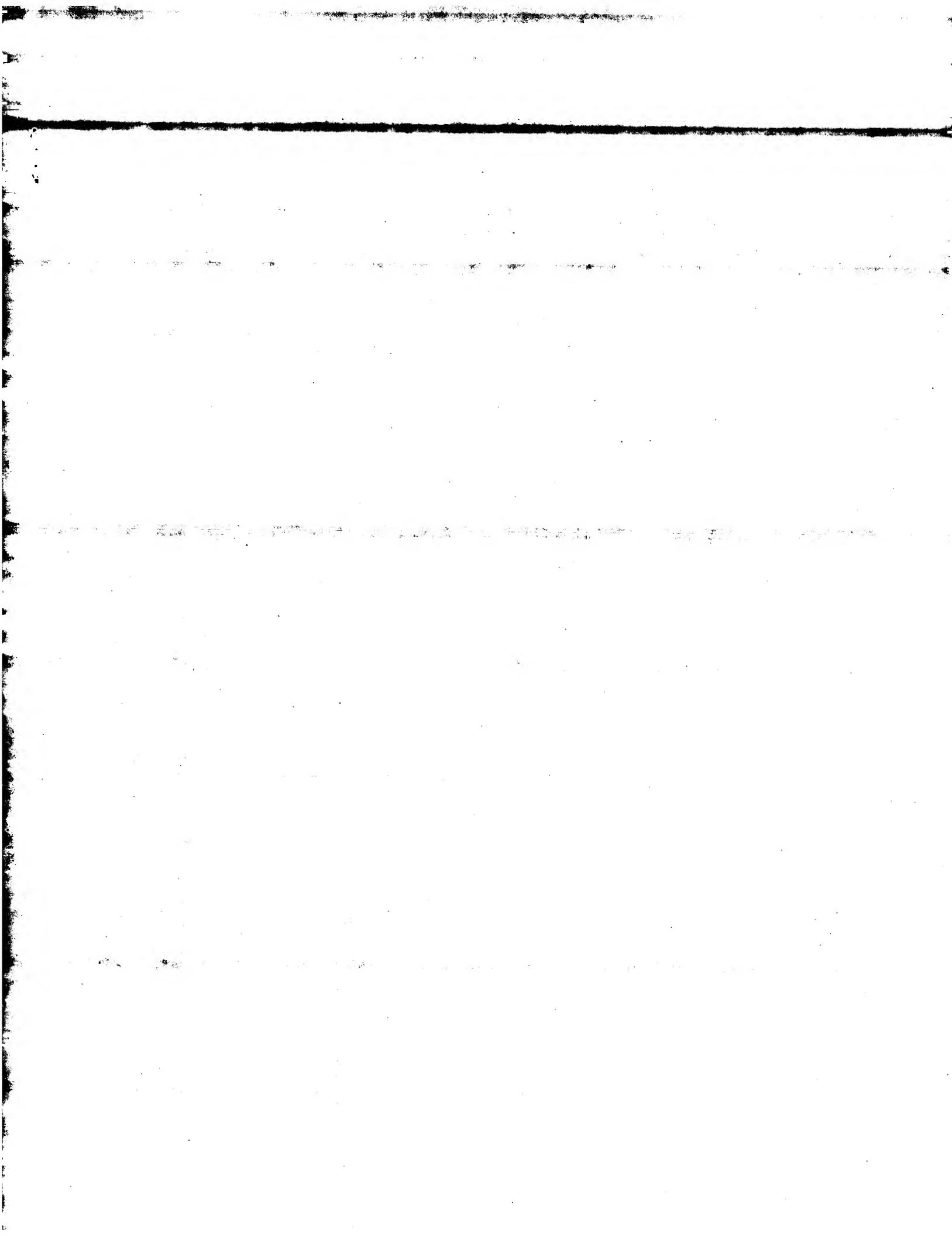
APPLICANT: Bandman, Olga
 APPLICANT: Lal, Preeti
 APPLICANT: Tang, Y. Tom
 APPLICANT: Baugh, Mariah R.
 TITLE OF INVENTION: HUMAN GPCR PROTEINS
 CURRENT APPLICATION NUMBER: US/09/895, 686
 CURRENT FILING DATE: 2001-06-28
 NUMBER OF SEQ ID NOS: 74
 SOFTWARE: PERL Program
 SEQ ID NO 5
 LENGTH: 403
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: misc_feature
 OTHER INFORMATION: Incyte ID No. US20020106655A1 2705201CD1

Query Match 31.5%; Score 733; DB 10; Length 403;
 Best Local Similarity 39.4%; Pred. No. 1.6e-60;
 Matches 164; Conservative 60; Mismatches 114; Indels 78; Gaps 9;
 Matches 164; Conservative 60; Mismatches 114; Indels 78; Gaps 9;

QY 1 MAIHKALYMCIGLPLILFPG-AWAQSHVPPCGSQGIANPLYNLCRSRGANGIVLEAVAGA 59
 Db 33 MRAHQVLTELL--LTVITSVASENASTSRGCGLDPQVYSLCILDAINGIVWAVAGA 89
 QY 60 GIVTTFVLTILIVASLSPFVQDTKRSLLGIVFELGTGLFLGFLCIVFACVVKPDSICASR 119
 Db 9 MRAHQVLTFLL--LTVITSVASENASTSRGCGLDPQVYSLCILDAINGIVWAVAGA 65
 QY 60 GIVTTFVLTILIVASLSPFVQDTKRSLLGIVFELGTGLFLGFLCIVFACVVKPDSICASR 119
 Db 66 GALITLMLMLILVRPFKEKEKEKSPVGLHLFLIGTLGLFLGFLPFAFIQEDETICSVR 149
 QY 120 RFLFGVLFATGFSCSLAHVFAINEARKNHPGRGIVLFTVALLTUEVINTMLLITL 179
 Db 126 RFLWGVLFLCFSCLLSQAWVRVRLYRHTGPGAGMOLVGLACLMIVQVITAVENVLTV 209
 QY 180 VRGSGEGPGOGNNSAGWAVASPCATANMDFMAMLYVMLLIGARLGAWPAICGRYKWR 119
 Db 186 LRDT-----RPACAPEPMDFMAMLYKDMVLVWVTLGLALFTLCKGKWRK 230
 QY 240 KHGVFVLTATSVATWWVWVMTYGN-KOHNSPTWDPTLALANAWAFVYVIP 298
 Db 255 LNGAFFLITAFLSVLWVWVWVMTYLGPNVLAQGDAWNPFLATLAASGWVFWVFAHP 314
 QY 299 EV-----SOVTKSSP--EOSTGDMYPTRGYCVETLKEQGQSMYENKA 342
 Db 315 EHTCTLPLAVENTPNYFDTSPORMETAFEEFDVOLPRA-----VYENKA 359
 QY 343 FSMDEPPAA-----KRPVSPSGYNGQQLTSVYQPEMALM 378
 Db 360 FSDMDEHAALRTPAGEPNGLGKRPSSGKRSAPR-----SNVYQPEMAVV 408
 Search completed: June 21, 2003, 01:47:09
 Job time : 69 secs

RESULT 15
 US-09-826-508-32
 Sequence 32, Application US/09826508
 Patent No. US2001002509A1
 GENERAL INFORMATION:
 APPLICANT: Nabil Elshourbagy
 TITLE OF INVENTION: G Protein-Coupled Receptor Polypeptides
 TITLE OF INVENTION: and Polynucleotides
 FILE REFERENCE: GP-70744USB
 CURRENT APPLICATION NUMBER: US/09/826, 5,08
 CURRENT FILING DATE: 2001-04-05
 NUMBER OF SEQ ID NOS: 40
 SOFTWARE: FASTSEQ for Windows Version 3.0
 SEQ ID NO 32
 LENGTH: 427
 TYPE: PRT
 ORGANISM: HOMO SAPIENS
 US-09-826-508-32

Query Match 31.5%; Score 733; DB 10; Length 427;



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OM nucleic - nucleic search, using sw model

Run on: June 21, 2003, 01:51:59 ; Search time 112 Seconds
 (without alignments)
 4980.759 Million cell updates/sec

Title: US-09-895-686-7
 Perfect score: 1819
 Sequence: 1 cggctcgagccctcaccagg.....cttttttaactcttaaaaaa 1819
 Scoring table: OLIGO_NUC
 Gapop 60.0 , Gapext 60.0

Searched: 441362 seqs, 153338381 residues

Word size : 0

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0
 Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

Database : Issued_Patents_NA:*

1: /cn2_6/potdata/1/ina/5A_COMB.seq:*

2: /cn2_6/potdata/1/ina/5B_COMB.seq:*

3: /cn2_6/potdata/1/ina/6A_COMB.seq:*

4: /cn2_6/potdata/1/ina/6B_COMB.seq:*

5: /cn2_6/potdata/1/ina/pctus_COMB.seq:*

6: /cn2_6/potdata/1/ina/packfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	20	1.1	2484	4 US-09-276531-46
2	19	1.0	717	4 US-08-913-014A-10
3	18	1.0	100	1 US-08-330-163-31
4	18	1.0	100	1 US-08-482-111-31
5	18	1.0	204	1 US-08-330-163-34
6	18	1.0	207	1 US-08-482-111-34
7	18	1.0	310	1 US-08-482-111-29
8	18	1.0	313	1 US-08-482-111-57
9	18	1.0	439	1 US-08-330-163-29
10	18	1.0	439	4 US-09-275384B-1
11	18	1.0	439	4 US-03-449-437A-7
12	18	1.0	545	4 US-08-446-935-5
13	18	1.0	591	2 US-09-156-979-1
14	18	1.0	591	4 US-03-387-341-68
15	18	1.0	645	3 US-09-188-930-273
16	18	1.0	704	2 US-08-465-095-15
17	18	1.0	1335	3 US-03-188-930-76
18	18	1.0	1335	3 US-03-188-930-261
19	18	1.0	1468	6 5187075
20	18	1.0	2395	4 US-08-446-935-7
21	18	1.0	5356	4 US-08-446-935-1
22	18	1.0	8355	4 US-08-446-030R-23
23	18	1.0	35081	2 US-08-752-760A-1
24	18	1.0	49272	1 US-08-614-770A-1
25	18	1.0	70000	4 US-09-851-896-3
26	17	0.9	37	1 US-08-464-531-71 .
27	0.9			37 1 US-08-461-598-71 .

RESULT 1
 US-09-276531-46
 ; Sequence 46, Application US/09276531
 ; Patent No. 6183968
 GENERAL INFORMATION:
 ; APPLICANT: Bandman, Olga
 ; APPLICANT: Lal, Preeti
 ; APPLICANT: Hillman, Jennifer L.
 ; APPLICANT: Yue, Henry
 ; APPLICANT: Reddy, Roopa
 ; APPLICANT: Quegler, Karl J.
 ; APPLICANT: Baughn, Mariah R.
 TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF GENES ENCODING RECEPTORS AND PROTEINS ASSOCIATED WITH CELL PROLIFERATION
 NUMBER OF SEQUENCES: 134
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
 STREET: 3174 PORTER DRIVE
 CITY: PALO ALTO
 STATE: CALIFORNIA
 COUNTRY: USA
 ZIP: 94304
 COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/276, 531
 FILING DATE: Herewith
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 60/079, 677
 FILING DATE: March 27, 1998
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Lynn E. Murry, Ph.D.
 REGISTRATION NUMBER: 42, 918
 REFERENCE/DOCKET NUMBER: PA-0008 US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (650) 855-0555
 TELEFAX: (650) 845-4166
 INFORMATION FOR SEQ ID NO: 46:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2484 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 IMMEDIATE SOURCE:
 LIBRARY: SYNORAT05

CLONS: 1262948
US-09-276-531-46

Query Match 1.1%; Score 20; DB 4; Length 2484;
Best Local Similarity 100.0%; Pred. No. 5;
Matches 20; Conservative 0; Mismatches 0;
Indels 0; Gaps 0;

QY 364 CTCGGGACCTGGGCCCTT 383
Db 38 CTGGGGACCTGGGCCCTT 57

RESULT 2

US-08-913-014A-10

Sequence 10, Application US/08913014A

Patent No. 625878

GENERAL INFORMATION:

APPLICANT: Nishi, Kazunori

APPLICANT: Hikichi, Yukiko

APPLICANT: Shintani, Yasushi

TITLE OF INVENTION: NOVEL FAS LIGAND-LIKE PROTEIN, ITS

TITLE OF INVENTION: PRODUCTION AND USE

NUMBER OF SEQUENCES: 25

CORRESPONDENCE ADDRESS:

ADDRESSEE: David G. Conlin, Esq.

STREET: 130 Water Street

CITY: Boston,

STATE: MA

COUNTRY: USA

ZIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/913,014A

FILING DATE: 04-SEP-1997

CLASSIFICATION: 424

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/JP97/02480

FILING DATE: JULY 17, 1997

ATTORNEY/AGENT INFORMATION:

NAME: David G. Conlin

REGISTRATION NUMBER: 27,026

REFERENCE/DOCKET NUMBER: 342/47694

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-523-3400

TELEFAX: 617-523-6440

TELEX:

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:

LENGTH: 717

TYPE: Nucleic acid

STRANDEDNESS: Double

TOPOLOGY: Linear

REFERENCE/DOCKET NUMBER: 342/47694

MOLECULE TYPE: cDNA

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/330-31

FILING DATE: 05-AUG-1994

CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:

NAME: Fasse, J. Peter

REGISTRATION NUMBER: 322,983

REFERENCE/DOCKET NUMBER: 00231/080001

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 542-5070

TELEFAX: (617) 542-8906

INFORMATION FOR SEQ ID NO: 31:

SEQUENCE CHARACTERISTICS:

LENGTH: 100 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

US-08-330-163-31

Query Match 1.0%; Score 18; DB 1; Length 100;

Best Local Similarity 100.0%; Pred. No. 46;

Matches 18; Conservative 0; Mismatches 0;

Indels 0; Gaps 0;

QY 101 TGGGGATGGCCGGGAC 118

Db 57 TGGTGAATGCCCTGGGAC 74

RESULT 4

US-08-482-111-31

Sequence 31, Application US/08482111

Patent No. 5789539

GENERAL INFORMATION:

APPLICANT: Daly, Thomas J.

APPLICANT: LaRosa, Gregory J.

TITLE OF INVENTION: Chemokine-Like Proteins and Methods of

NUMBER OF SEQUENCES: 70

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson P.C.

STREET: 225 Franklin Street

CITY: Boston

STATE: MA

COUNTRY: U.S.A.

ZIP: 02110-2804

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30B

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/482,111

FILED DATE: 07-JUN-1995

CLASSIFICATION: 514

RESULT 3

US-08-330-163-31

Sequence 31, Application US/08330163

Patent No. 5656724

ATTORNEY/AGENT INFORMATION:

NAME: Fasse, J. Peter

REGISTRATION NUMBER: 32,983

REFERENCE/DOCKET NUMBER: 00231/083001

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 542-5070

TELEFAX: (617) 542-8906

INFORMATION FOR SEQ ID NO: 31:

SEQUENCE CHARACTERISTICS:

LENGTH: 100 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLogy: linear

MOLECULE TYPE: DNA

US-08-482-111-31

Query Match 1.0%; Score 18; DB 1; Length 100;
 Best Local Similarity 100.0%; Pred. No. 45;
 Matches 18; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

QY 101 TGGTGTATGCGCTGGAC 118
 Db 57 TGGTGTATGCGCTGGAC 74

RESULT 5

US-08-330-163-34/c

Sequence 34, Application US/08330163

PATENT INFORMATION:

PATENT NO. 5656724

GENERAL INFORMATION:

APPLICANT: Daly, Thomas J.

TITLE OF INVENTION: Chemokine-Like Proteins and Methods of

TITLE OF INVENTION: Use

NUMBER OF SEQUENCES: 70

TIME OF INVENTION: Use

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson P.C.

STREET: 225 Franklin Street

CITY: Boston

STATE: MA

COUNTRY: U.S.A.

ZIP: 02110-2804

COMPUTER READABLE FORM:

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30B

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/482,111

FILING DATE: 07-JUN-1995

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: Fasse, J. Peter

REGISTRATION NUMBER: 32,983

REFERENCE/DOCKET NUMBER: 00231/083001

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 542-5070

TELEFAX: (617) 542-8906

INFORMATION FOR SEQ ID NO: 34:

SEQUENCE CHARACTERISTICS:

LENGTH: 207 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLogy: linear

MOLECULE TYPE: DNA

US-08-482-111-34

Query Match 1.0%; Score 18; DB 1; Length 207;
 Best Local Similarity 100.0%; Pred. No. 45;
 Matches 18; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

QY 101 TGGTGTATGCGCTGGAC 118
 Db 70 TGGTGTATGCGCTGGAC 53

RESULT 7

US-08-482-111-29/c

Sequence 29, Application US/08482111

PATENT NO. 5795579

GENERAL INFORMATION:

APPLICANT: Daly, Thomas J.

TITLE OF INVENTION: Chemokine-Like Proteins and Methods of

TITLE OF INVENTION: Use

NUMBER OF SEQUENCES: 70

TIME OF INVENTION: Use

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson P.C.

STREET: 225 Franklin Street

CITY: Boston

STATE: MA

COUNTRY: U.S.A.

ZIP: 02110-2804

COMPUTER READABLE FORM:
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30B

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/330,163
 FILING DATE: 05-AUG-1994
 CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:
 NAME: Fasse, J. Peter
 REGISTRATION NUMBER: 32,983

REFERENCE/DOCKET NUMBER: 00231/080001

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 542-5070
 TELEFAX: (617) 542-8906

INFORMATION FOR SEQ ID NO: 34:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 204 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLogy: linear
 MOLECULE TYPE: DNA

US-08-330-163-34

Query Match 1.0%; Score 18; DB 1; Length 204;
 Best Local Similarity 100.0%; Pred. No. 45;
 Matches 18; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

QY 101 TGGTGTATGCGCTGGAC 118

Db 70 TGGTGTATGCGCTGGAC 53

Query Match 1.0%; Score 18; DB 1; Length 204;
 Best Local Similarity 100.0%; Pred. No. 45;
 Matches 18; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

QY 101 TGGTGTATGCGCTGGAC 118

Db 70 TGGTGTATGCGCTGGAC 53

Query Match 1.0%; Score 18; DB 1; Length 204;
 Best Local Similarity 100.0%; Pred. No. 45;
 Matches 18; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

QY 101 TGGTGTATGCGCTGGAC 118

Db 70 TGGTGTATGCGCTGGAC 53

COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30B
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/482,111
 FILING DATE: 07-JUN-1995
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: Fasse, J. Peter
 REGISTRATION NUMBER: 32,983
 REFERENCE/DOCKET NUMBER: 00231/083001
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 542-5070
 TELEFAX: (617) 542-8906
 INFORMATION FOR SEQ ID NO: 29:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 310 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: DNA

US-08-482-111-29

Query Match 1.0%; Score 18; DB 1; Length 313;
 Best Local Similarity 100.0%; Pred. No. 45;
 Matches 18; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

QY 101 TGGTGTGTTGCTGGAC 118
 Db 176 TGGTGTGTTGCTGGAC 159

RESULT 9
 US-08-330-163-29/C
 Sequence 29, Application US/08330163
 GENERAL INFORMATION:
 Patent No. 5656724
 APPLICANT: Daily, Thomas J.
 TITLE OF INVENTION: Chemokine-Like Proteins and Methods of
 NUMBER OF SEQUENCES: 46
 TITLE OF INVENTION: Use
 NUMBER OF SEQUENCES: 46
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Fish & Richardson
 STREET: 225 Franklin Street
 CITY: Boston
 STATE: MA
 COUNTRY: U.S.A.
 ZIP: 02110-2804
 COMPUTER READABLE FORM:
 COMPUTER: IBM PC compatible
 MEDIUM TYPE: FLOPPY disk
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30B
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/330,163
 FILING DATE: 05-AUG-1994
 CLASSIFICATION: 530
 ATTORNEY/AGENT INFORMATION:
 NAME: Fasse, J. Peter
 REGISTRATION NUMBER: 32,983
 REFERENCE/DOCKET NUMBER: 00231/080001
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 542-5070
 TELEFAX: (617) 542-8906
 INFORMATION FOR SEQ ID NO: 29:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 439 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: DNA

US-08-330-163-29

Query Match 1.0%; Score 18; DB 1; Length 439;
 Best Local Similarity 100.0%; Pred. No. 45;
 Matches 18; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

QY 101 TGGTGTGTTGCTGGAC 118
 Db 176 TGGTGTGTTGCTGGAC 159

RESULT 10
 US-08-275-384B-1/C
 Sequence 1, Application US/09275384B
 GENERAL INFORMATION:
 Patent No. 6232084
 APPLICANT: MACPHEE, COLIN HOUSTON
 APPLICANT: MOORES, KITTY
 TITLE OF INVENTION: NEW USE
 FILE REFERENCE: GH-31106
 CURRENT APPLICATION NUMBER: US/09/275,384B
 CURRENT FILING DATE: 1999-03-24
 PRIOR APPLICATION NUMBER: 9800677.2

US-08-482-111-57

RESULT 8
 US-08-482-111-57/C
 Sequence 57, Application US/08482111
 GENERAL INFORMATION:
 Patent No. 5739539
 APPLICANT: Daily, Thomas J.
 TITLE OF INVENTION: Chemokine-Like Proteins and Methods of
 NUMBER OF SEQUENCES: 70
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Fish & Richardson P.C.
 STREET: 225 Franklin Street
 CITY: Boston
 STATE: MA
 COUNTRY: U.S.A.
 ZIP: 02110-2804
 COMPUTER READABLE FORM:
 COMPUTER: IBM PC compatible
 MEDIUM TYPE: FLOPPY disk
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30B
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/330,163
 FILING DATE: 05-AUG-1994
 CLASSIFICATION: 530
 ATTORNEY/AGENT INFORMATION:
 NAME: Fasse, J. Peter
 REGISTRATION NUMBER: 32,983
 REFERENCE/DOCKET NUMBER: 00231/080001
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 542-5070
 TELEFAX: (617) 542-8906
 INFORMATION FOR SEQ ID NO: 29:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 439 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: DNA

US-08-330-163-29

Query Match 1.0%; Score 18; DB 1; Length 439;
 Best Local Similarity 100.0%; Pred. No. 45;
 Matches 18; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

QY 101 TGGTGTGTTGCTGGAC 118
 Db 176 TGGTGTGTTGCTGGAC 159

PRIOR FILING DATE: 1998-03-27
 NUMBER OF SEQ ID NOS: 9
 SOFTWARE: FASTSEQ for Windows version 3.0
 SEQ ID NO 1
 LENGTH: 439
 TYPE: DNA
 ORGANISM: HOMO SAPIENS
 ; US-09-275-384B-1

RESULT 11
 US-09-449-437A-7/c
 ; Sequence 7, Application US/09449437A
 ; Patent No. 6319675
 ; GENERAL INFORMATION:
 ; APPLICANT: BRISKIN, Michael J.
 ; APPLICANT: Murphy, Kristine E.
 ; APPLICANT: Wu, Lijun
 ; APPLICANT: Wilbanks, Alyson M.
 ; TITLE OF INVENTION: No. 6319675el Antibodies and Ligands for "Bonzo"
 ; TITLE OF INVENTION: Chemokine Receptor
 ; FILE REFERENCE: 1835.1070-000
 ; CURRENT APPLICATION NUMBER: US/09/449,437A
 ; CURRENT FILING DATE: 2001-01-09
 ; NUMBER OF SEQ ID NOS: 18
 ; SOFTWARE: FASTSEQ for Windows Version 4.0
 ; SEQ ID NO 7
 ; LENGTH: 439
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-449-437A-7

RESULT 12
 US-08-446-935-5
 ; Sequence 5, Application US/08446935
 ; Patent No. 6187991
 ; GENERAL INFORMATION:
 ; APPLICANT: Soeller, Walter C.
 ; APPLICANT: Carty, Maynard D.
 ; APPLICANT: Kreutter, David K.
 ; TITLE OF INVENTION: TRANSGENIC ANIMAL MODELS FOR TYPE II
 ; TITLE OF INVENTION: DIABETES MELLITUS
 ; NUMBER OF SEQUENCES: 15
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Pfizer Inc.
 ; STREET: 235 East 42nd Street, 20th Floor
 ; CITY: New York
 ; STATE: New York
 ; COUNTRY: U.S.A.
 ; ZIP: 10017-5755
 ; COMPUTER READABLE FORM:
 ; COMPUTER TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; CURRENT APPLICATION NUMBER: US/08/446, 935
 ; CURRENT FILING DATE: 2001-01-09
 ; NUMBER OF SEQ ID NOS: 18
 ; SOFTWARE: FASTSEQ for Windows Version 4.0
 ; SEQ ID NO 1
 ; LENGTH: 439
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-08-446-935-5

RESULT 13
 US-09-156-979-1
 ; Sequence 1, Application US/09156979
 ; Patent No. 5962672
 ; GENERAL INFORMATION:
 ; APPLICANT: Cowser, Lex M.
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF RHOB EXPRESSION
 ; FILE REFERENCE: RIS 0013
 ; CURRENT APPLICATION NUMBER: US/09/156, 979
 ; CURRENT FILING DATE: 1998-09-18
 ; NUMBER OF SEQ ID NOS: 47
 ; SEQ ID NO 1
 ; LENGTH: 591
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: (1)..(591)
 ; US-09-156-979-1

RESULT 14
 US-09-387-341-68
 ; Sequence 68, Application US/09387341
 ; Patent No. 641033
 ; GENERAL INFORMATION:
 ; APPLICANT: Roberts, M. Luisa
 ; APPLICANT: Cowser, Lex M.
 ; TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene
 ; TITLE OF INVENTION: Expression
 ; FILE REFERENCE: ISPH-0404
 ; CURRENT APPLICATION NUMBER: US/09/387, 341
 ; CURRENT FILING DATE: 1999-08-31
 ; EARLIER APPLICATION NUMBER: 09/156, 424
 ; EARLIER FILING DATE: 1998-09-18
 ; EARLIER APPLICATION NUMBER: 09/156, 979

APPLICATION NUMBER: US/08/446, 935
 FILING DATE:
 CLASSIFICATION: 800
 ATTORNEY/AGENT INFORMATION:
 NAME: Sheva, Robert F.
 REGISTRATION NUMBER: 31,304
 REFERENCE/DOCKET NUMBER: PC8153
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212)573-1189
 TELEFAX: (212)573-1939
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 545 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)

EARLIER FILING DATE: 1998-09-18
 EARLIER APPLICATION NUMBER: 09/156,807
 EARLIER FILING DATE: 1998-09-18
 EARLIER APPLICATION NUMBER: 09/161,015
 EARLIER FILING DATE: 1998-09-25
 NUMBER OF SEQ ID NOS: 233
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 68
 LENGTH: 591
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE: OTHER INFORMATION: Description of Artificial Sequence:Synthetic
 US-09-387-341-68

Query Match 1.0%; Score 18; DB 4; Length 591;
 Best Local Similarity 100.0%; Pred. No. 44;
 Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 284 CCATCATCCGGGGCCA 301
 Db 332 CCATCATCCGGGGCCA 349

RESULT 15
 US-09-188-930-273
 Sequence 273, Application US/09188930A
 Patent No. 6150502
 GENERAL INFORMATION:
 APPLICANT: Watson, James D.
 APPLICANT: Strachan, Lorna
 APPLICANT: Sleeman, Matthew
 APPLICANT: Onrust, Rene
 APPLICANT: Murison, James Greg
 TITLE OF INVENTION: Compositions Isolated From Skin Cells
 TITLE OF INVENTION and Methods For Their Use
 FILE REFERENCE: 11000.01JCI
 CURRENT APPLICATION NUMBER: US/09/188,930A
 CURRENT FILING DATE: 1998-11-09
 NUMBER OF SEQ ID NOS: 348
 SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO 273
 LENGTH: 645
 TYPE: DNA
 ORGANISM: Mouse
 US-09-188-930-273

Query Match 1.0%; Score 18; DB 3; Length 645;
 Best Local Similarity 100.0%; Pred. No. 44;
 Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1536 CCTCCCTCTCTGCCAGTG 1553
 Db 68 CCTCCCTCTCTGCCAGTG 85

Search completed: June 21, 2003, 02:51:26
 Job time : 113 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using SW model
Run on: June 21, 2003, 02:10:21 ; Search time 267 Seconds
(without alignments)
9997.191 Million cell updates/sec

Title: US-09-895-686-7

Perfect score: 1819

Sequence: 1 cggtctcgagccctcaccaggc.....ctttatataactcttaaaaaa 1819

Scoring table: OLIGO_NUC

gapop 60.0 , Gapext 60.0

Searched: 1042519 seqs, 733713590 residues

Word size : 0

Total number of hits satisfying chosen parameters: 2085038

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: listing first 45 summaries

Database : Published Applications NA:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	1819	100.0	1819	10 US-09-895-686-7
2	1782	98.0	1880	9 US-10-037270-897
3	1707	93.8	2314	10 US-09-871-874-4
4	1564	86.0	1860	9 US-10-097-065-22
c	1439	79.1	2089	10 US-09-812-102-19
6	1370	75.3	1955	10 US-09-871-874-3
7	1304	71.7	1532	10 US-09-871-874-7
8	1279	70.3	2041	10 US-09-871-874-1
9	1218	67.0	1805	10 US-09-871-874-2
10	679	37.3	1034	9 US-10-097-065-123
11	601	33.0	815	10 US-09-871-874-8
12	518	28.5	1370	10 US-09-871-874-5
13	512	28.1	1070	10 US-09-871-874-6
c	459	25.8	516	10 US-09-895-686-14
c	15	25.8	268	10 US-09-895-686-15
16	259	14.2	486	9 US-09-918-995-35130
c	17	14.0	631	10 US-09-895-686-19
18	251	13.8	302	9 US-10-202-524-1512
19	247	13.6	508	9 US-09-918-995-17363

Post-processing: listing first 45 summaries

Database : Published Applications NA:*

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9: /cgn2_6/ptodata/2/pubpna/us09_pubcomb.seq:*
10: /cgn2_6/ptodata/2/pubpna/us10_new_pub.seq:*
11: /cgn2_6/ptodata/2/pubpna/us10_pubcomb.seq:*
12: /cgn2_6/ptodata/2/pubpna/us60_new_pub.seq:*
13: /cgn2_6/ptodata/2/pubpna/us60_pubcomb.seq:*
14: /cgn2_6/ptodata/2/pubpna/us60_pubcomb.seq:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

ALIGNMENTS

SEQ ID NO	LENGTH	TYPE: DNA	SEQUENCE
7	1819	NAME/KEY: misc_feature	SEQUENCE 1, Appli
		FEATURE:	SEQUENCE 897, Appli
		ORGANISM: Homo sapiens	SEQUENCE 4, Appli
		OTHER INFORMATION: Incyte ID No. US20020106655A1 1258981CBI	SEQUENCE 22, Appli
			SEQUENCE 19, Appli
			SEQUENCE 3, Appli
			SEQUENCE 7, Appli
			SEQUENCE 1, Appli
			SEQUENCE 2, Appli
			SEQUENCE 123, Appli
			SEQUENCE 8, Appli
			SEQUENCE 5, Appli
			SEQUENCE 6, Appli
			SEQUENCE 14, Appli
			SEQUENCE 15, Appli
			SEQUENCE 35130, A
			SEQUENCE 19, Appli
			SEQUENCE 1512, A
			SEQUENCE 17363, A
			SEQUENCE 1, Appli
			SEQUENCE 17, Appli
			SEQUENCE 411, Appli
			SEQUENCE 2323, Appli
			SEQUENCE 18, Appli
			SEQUENCE 13, Appli
			SEQUENCE 53, Appli
			SEQUENCE 18, Appli
			SEQUENCE 54, Appli
			SEQUENCE 681, Appli
			SEQUENCE 63, Appli
			SEQUENCE 2506, Appli
			SEQUENCE 1, Appli
			SEQUENCE 123, Appli
			SEQUENCE 6247, Appli
			SEQUENCE 67, Appli
			SEQUENCE 66, Appli
			SEQUENCE 194, Appli
			SEQUENCE 194, Appli
			SEQUENCE 29, Appli
			SEQUENCE 11, Appli
			SEQUENCE 120, Appli
			SEQUENCE 31, Appli
			SEQUENCE 32, Appli
			SEQUENCE 81, Appli
			SEQUENCE 264, Appli

Sequence 7, Application US/09871874-7
 Patent No. US20020081655A1
 GENERAL INFORMATION:
 APPLICANT: SAVITZKY, Kinneret
 APPLICANT: TOPORIK, Amir
 TITLE OF INVENTION: Splice Variant of mGluR
 FILE REFERENCE: 2786-0176P
 CURRENT APPLICATION NUMBER: US/09/871,874
 CURRENT FILING DATE: 2001-09-04
 NUMBER OF SEQ ID NOS: 21
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 7
 LENGTH: 1532
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-871-874-7

Query Match 71.7%; Score 1304; DB 10; Length 1532;
 Best Local Similarity 99.9%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;
 Matches 1354; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 11 CCTCACCCAGCGGAAGAAGTACGACTCGGCTCAGSCTGGAGGACCCAAACAGAGCTGGCC 70
 Db 41 CCTCACCCAGCGGAAGAAGTACGACTCGGCTCAGSCTGGAGGACCCAAACAGAGCTGGCC 100
 QY 71 TGGGAGCAGGAGTGGCCATCCAAACGACTGGCTGGAGGACCCAAACAGAGCTGGCC 130
 Db 101 TGGGAGCAGGAGTGGCCATCCAAACGACTGGCTGGAGGACCCAAACAGAGCTGGCC 160
 QY 131 TGTTCAGGGCTGGGCCAGGGCAATGTCGACCCGGCTGAGCCAAAGGCTAACCC 190
 Db 161 TGGTCCAGGGCTGGGCCAGGGCAATGTCGACCCGGCTGAGCCAAAGGCTAACCC 220
 QY 191 CCCTGTAATACAAACCTGTTGACCGCTGGGGCTGGGCAATCGTCCCTGGCGTGG 250
 Db 221 CCTGTAACTACACCTGTTGACCGCTGGGGCTGGGCAATCGTCCCTGGCGTGG 280
 QY 251 CCGGGGGGGCATGTGACCACTTGTGCTCACCATCTCGTGGCCAGCTCCCT 310
 Db 281 CCGGGGGGGCATGTGACCACTTGTGCTCACCATCTCGTGGCCAGCTCCCT 340
 QY 311 TGTGCAAGACCAAGAACGAGCTGGGGACGGAGCTGGGGACGGAGATCTGGGA 370
 Db 341 TGTGCAAGACCAAGAACGAGCTGGGGACGGAGCTGGGGACGGAGATCTGGGA 400
 QY 371 CCCTGGCCCTCTCTGCTCGTGTGTTGCTGTGTTGCTGTGTTGCTGTGTTGCTGTG 430
 Db 401 CCTGGGCCCTCTGCTCGTGTGTTGCTGTGTTGCTGTGTTGCTGTGTTGCTGTG 460
 Db 431 CCTCTCGCGCTCTGCTCGTGTGTTGCTGTGTTGCTGTGTTGCTGTGTTGCTGTG 490
 Db 461 CCCTCGCGCTCTGCTGTGTTGCTGTGTTGCTGTGTTGCTGTGTTGCTGTG 520
 QY 491 AGCTCTTGCCCTCACTTCCGGCCGAAGAACGACAGGGGCCGGGCGTGTGATCT 550
 Db 521 AGCTCTTGCCCTCACTTCCGGCCGAAGAACGACAGGGGCCGGGCGTGTGATCT 580
 QY 551 'TCACTGAGCTCTGCTGCTGACCTCTGGTAGAGSCTCATCATCAACAGAGCTGATCA 610
 Db 581 TCACTGAGCTCTGCTGCTGACCTCTGGTAGAGSCTCATCATCAACAGAGCTGATCA 640
 QY 611 TCACCCGGTGGGGCAAGTGGGGGGGCTCAGGGCAACAGCACCGCAAGCTGG 670
 Db 641 TCACCCGGTGGGGCAAGTGGGGGGCTCAGGGCAACAGCACCGCAAGCTGG 700
 QY 671 CGGGGCTCCCGCTGGGCAATCGCCACATGACTGTCAGGCACTCATCTACGCA 730
 Db 701 CGGTGGCTCCCGCTGGTCCATCGCCACATGACTGTCAGGCACTCATCTACGCA 760
 QY 731 TGTGCGCTGCTGCTGGGGCTCTGGGGCTGGGCCCTGGGCCCTGGGCCCTG 790

QY 971 TCCCGAGGTTTCCAGTGGCAAGTGGCAAGCAGCAAGCAGCACAGCCCCTGGGAT 1090
 Db 981 TGTGTTGGATGTCAGTATCTTACGGCAACAGCACAGCCCCTGGGAT 1030
 QY 991 ACCCAAGGCTGGCATGCCCTGGGCCATGCCCTGGGCTGTCGTCCTACGTCA 970
 Db 1001 TCCCCGAGGTCTCCCAAGTGGACCAAGTGGCACTACCGGGACATGT 1060
 QY 941 ACCCAAGGCTGGCATGCCCTGGGCCATGCCCTGGGCTGTCGTCCTACGTCA 1000
 QY 1031 ACCCAACCGGGGGGGGGCATGAGACCACTCTGAGAGACAGAGGGTCAGAGCATGT 1090
 Db 1061 ACCCACCCGGGGGGGGCATGAGACCACTCTGAGAGACAGAGGGTCAGAGCATGT 1120
 QY 1091 TCTGGGAGAAGAGGGCTTTCATGGATGAGGAGCCGGTGCAGCTAGAGGGGGTGCAC 1150
 Db 1121 TCTGGGAGAAGAGGGCTTTCATGGATGAGGAGCCGGTGCAGCTAGAGGGGGTGCAC 1180
 QY 1151 CATACTACGGGGTACANTGGGAGCTGTCGACAGTGTGACGGCCACTAGATGGCC 1210
 Db 1181 CATACTACGGGGTACANTGGGAGCTGTCGACAGTGTGACCCACTAGATGGCC 1240
 QY 1211 TGTGCAAGATCTGCCAGGGCTTACATGGACATCATCTCCACGGCACCCCA 1270
 Db 1241 TGTGCAAAAGTCTGTCGTCGACAGTGTGACCATCTCCACGGGCAACCGCA 1300
 QY 1271 ACAGCCAGGTATGGGAGTGGCAACTCGACAGCTGCGGCTGAAGACATGTACTGGCC 1330
 Db 1301 ACAGCCAGGTATGGGAGTGGCAACTCGACAGCTGCGGCTGAAGACATGTACTGGCC 1360
 QY 1331 AGAGCCACCAAGGGGGCACACCGCCGAAGAGGGC 1365
 Db 1361 AGAGCCACCAAGGGGGCACACCGCCGAAGAGGGC 1395

RESULT 8
 US-09-871-874-1
 Sequence 1, Application US/09871874
 Patent No. US20020081655A1
 GENERAL INFORMATION:
 APPLICANT: SAVITZKY, Kinneret
 APPLICANT: TOPORIK, Amir
 APPLICANT: MINTZ, Liat
 TITLE OF INVENTION: Splice Variant of mGluR
 FILE REFERENCE: 2786-0176P
 CURRENT APPLICATION NUMBER: US/09/871,874
 CURRENT FILING DATE: 2001-09-04
 NUMBER OF SEQ ID NOS: 21
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 1
 LENGTH: 2041
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-871-874-1

Query Match 70.3%; Score 1279; DB 10; Length 2041;
 Best Local Similarity 99.9%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;
 Matches 1329; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 50 GAGCCAAACGAGCTGGGGAGGAGCATGAGCTGACATCTACGCA 109
 Db 639 GAGCCAAACGAGCTGGGGAGGAGCATGAGCTGACATCTACGCA 698
 QY 110 GCGTGGACTGCTCTCTGTCAGGAGGCTGGGGCTACAGGCGCATCTCCACCG 169

RESULT y
US-09/871-874-2
Sequence 2, Application US/09871874
; PATENT NO. US20090081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITRY, Kinneret
; APPLICANT: TOPORKI, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mGlu1
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 1805
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-871-874-2

Query Match	67.0%	Score	1218	DB	10	Length	1805
Best Local Similarity	100.0%	Pred. No.	0	Matches	1218	Conservative	0
Matches	1218	0	0	0	0	0	0
Qy	10	CCCTTACCGCCGGAAGTACAGTCGCTCAGCTGAGGACCAACAGAGCCGGC	69	Db	513	CCCTTACCGCCGGAAGTACAGTCGCTCAGCTGAGGACCAACAGAGCCGGC	572
Qy	70	CTGGGACGAGGTGGCATCCACAAGCTTGTGATGTGCTGGGACTGCTCTTC	129	Db	573	CTGGGACGAGGTGGCATCCACAAGCTTGTGATGTGCTGGGACTGCTCTTC	632
Qy	130	CTGTTCCAGGGGCTTGGCCAGGGCAGTGTGCCACCGGGCTGACCCAAAGCC	189	Db	633	CTGTTCCAGGGGCTTGGCCAGGGCAGTGTGCCACCGGGCTGACCCAAAGCC	692
Qy	190	CCCTGTACTACACTGTGACCGCTGTGGGGGGCATCCTGCTGGGGGTG	249	Db	693	CCCTGTACTACACTGTGACCCGTCTGGGGGTGGGGCATCCTGCTGGGGGTG	752
Qy	250	GCCTGGGGGATTGTACCAAGTGTGCTCACCATCATCTGGGGGAGCCCCCC	309	Db	753	GCCTGGGGGATTGTACCAAGTGTGCTCACCATCATCTGGGGGAGCCCCCC	812
Qy	310	TTGTGCAAGACACAGAACGGCGCTGGGGACCCAGSTATCTTCCTCGGG	369	Db	813	TTGTGCAAGACACAGAACGGCGCTGGGGACCCAGSTATCTTCCTCGGG	872
Qy	370	ACCTGGGCTCTTCGCTCGTGTGCTCTGTTGAAACCCGACTTCACCTGT	429	Db	873	ACCTGGGCTCTTCGCTCGTGTGCTCTGTTGAAACCCGACTTCACCTGT	932
Qy	430	GCCCTCGCGCCTCTCTTGGGTTGTTGTCGCCTCTGTCTGGGGCT	489	Db	933	GCCCTCGCGCCTCTCTTGGGTTGTTGTCGCCTCTGTCTGGGGCT	992
Qy	490	CACCTTGTCCCAACTTCTGGCCGGAGAACACGGGGGGGGGGGATC	549	Db	993	CACCTTGTCCCAACTTCTGGCCGGAGAACACGGGGGGGGGGGATC	1052

Qy 550 TTCACTGTGCCTCTGCTGCTGACCCCTGAGGTCACTCAATGAGAGTGGCAGTC 609 ;
Db 1053 TTCACTGTGCCTCTGCTGCTGACCCCTGAGGTCACTCAATGAGAGTGGCAGTC 1112 ;
Qy 610 ATCACCCCTGGTGGGGCAGTGGCAGGGGCGCCCTAGGGCACAGCAGGGCAGGTGG 669 ;
Db 1113 ATCACCCCTGGTGGGGCAGTGGCAGGGGCGCCCTAGGGCACAGCAGGGCAGGTGG 1172 ;
Qy 670 GCGTGTGGCTCCCCCTGCCCAGTGGCACACAGGACTTTCATGCACTCATGTC 729 ;
Db 1173 GCGTGTGGCTCCCCCTGCCCAGTGGCACACAGGACTTTCATGCACTCATGTC 1232 ;
Db 1230 ATCTGCTGCTCTGGGCTTCCGGGCTGGCCCTGAGGGCTACAG 789 ;
Db 1233 ATGCTGCTGCTGCTGGGCTGGCCCTGGGGGCTGGCCCTGAGGGCTACAG 1292 ;
Qy 790 GCGTGTGGCTTACCATGGGGCTTGGCTCTCCACCAAGGACATGGACTTTCATGTC 849 ;
Db 1293 GCGTGTGGCTTACCATGGGGCTTGGCTCTCCACCAAGGACATGGACTTTCATGTC 1352 ;
Qy 850 GCGTGTGGCTTACCATGGGGCTTGGCTCTCCACCAAGGACATGGACTTTCATGTC 909 ;
Db 1353 GCGTGTGGCTTACCATGGGGCTTGGCTCTCCACCAAGGACATGGACTTTCATGTC 1412 ;
Qy 910 GACCCACGCTGCCATGCCCTGGCCCAATGCCCTGGGCTTCGCTCTCTACGTG 969 ;
Db 1413 GACCCACGCTGCCATGCCCTGGCCCAATGCCCTGGGCTTCGCTCTCTACGTG 1472 ;
Qy 970 ATCCCCAGGTCTCCAGGTGACCAAGTCACGCCAGAGCAAGCTACCAAGGGGACATG 1029 ;
Db 1473 ATCCCCAGGTCTCCAGGTGACCAAGTCACGCCAGAGCAAGCTACCAAGGGGACATG 1532 ;
Qy 1030 TACCCACCCGGGGCTGGGTATAGACACATGCTGGGGCTTCGCTCTCTACGTG 1089 ;
Db 1533 TACCCACCCGGGGCTGGGTATAGACACATGCTGGGGCTTCGCTCTCTACGTG 1592 ;
Qy 1090 TCTGTGAGAACAGGGCTTCGCTGGGGCTTCGCTGGGGCTTCGCTCTCTACGTG 1149 ;
Db 1593 TCTGTGAGAACAGGGCTTCGCTGGGGCTTCGCTGGGGCTTCGCTCTCTACGTG 1652 ;
Qy 1150 CCATACGCGGGTACATGGGAGCTGACCAAGCTGACGAGGAGGGCTGGGGCTTCGCTGGGGCTTCGCTCTCTACGTG 1209 ;
Db 1653 CCATACGCGGGTACATGGGAGCTGACGAGGAGGGCTGGGGCTTCGCTGGGGCTTCGCTCTCTACGTG 1712 ;
Qy 1210 CTGATGACCAAGTTCG 1227 ;
Db 1713 CTGATGACCAAGTTCG 1730 ;

RESULT 10
US-10-097-065-123
Sequence 123, Application US/10097065
; Publication No. US20030055236A1
GENERAL INFORMATION:
APPLICANT: Moore, Paul A. et al.
TITLE OF INVENTION: 110 Human Secreted Proteins
FILE REFERENCE: P2021P1
CURRENT APPLICATION NUMBER: US/10/097. 065
CURRENT FILING DATE: 2002-03-14
PRIOR APPLICATION NUMBER: PCT/US98/27059
PRIOR FILING DATE: 1998-12-17
PRIOR APPLICATION NUMBER: 60/070, 923
PRIOR FILING DATE: 1997-12-18
PRIOR APPLICATION NUMBER: 60/068, 007
PRIOR FILING DATE: 1997-12-18
PRIOR APPLICATION NUMBER: 60/068, 057
PRIOR FILING DATE: 1997-12-18
PRIOR APPLICATION NUMBER: 60/068, 006
PRIOR FILING DATE: 1997-12-18
PRIOR APPLICATION NUMBER: 60/068, 369
PRIOR FILING DATE: 1997-12-19
PRIOR APPLICATION NUMBER: 60/068, 367

; PRIORITY INFORMATION:
; PRIORITY FILING DATE: 1997-12-19
; PRIORITY APPLICATION NUMBER: 60/068, 368
; PRIORITY FILING DATE: 1997-12-19
; PRIORITY APPLICATION NUMBER: 60/068, 169
; PRIORITY FILING DATE: 1997-12-19
; PRIORITY APPLICATION NUMBER: 60/068, 053
; PRIORITY FILING DATE: 1997-12-18
; PRIORITY APPLICATION NUMBER: 60/068, 064
; PRIORITY FILING DATE: 1997-12-18
; PRIORITY APPLICATION NUMBER: 60/068, 054
; PRIORITY FILING DATE: 1997-12-18
; PRIORITY APPLICATION NUMBER: 60/068, 008
; PRIORITY FILING DATE: 1997-12-18
; PRIORITY APPLICATION NUMBER: 60/068, 365
; PRIORITY FILING DATE: 1997-12-19
; PRIORITY APPLICATION NUMBER: 60/068, 054
; PRIORITY FILING DATE: 1997-12-18
; PRIORITY APPLICATION NUMBER: 60/068, 008
; SEQ ID NO: 123
; LENGTH: 1034
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-097-065-123
Query Match 37.3%; Score 679; DB 9; length 1034;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 679; Conservative 0; Mismatches 0; Indels 0; Caps 0;
; 335 CAGCTTAAAGGGCTGGGTCTTACCATATAAGGGGTACATGGGGTACATGGGT 394
Db 1190 ACCAGGCCACTGAGATGCCCTGATCACAAGGTTGGCTGGAAGGAGCTTACGACATCA 1249
Db 395 ACCAGGCCACTGAGATGCCCTGATCACAAGGTTGGCTGGAAGGAGCTTACGACATCA 454
Db 1250 TCTCCACGGGGCACGCCAACAGGCAAGGGTATGGGAGTGGCCAGTCCAACTCGACCTCGGG 1309
Db 455 TCTCCACGGGGCACGCCAACAGGCAAGGGTATGGGAGTGGCCAGTCCAACTCGACCTCGGG 514
Db 515 CTGAGAACATGACTCGCCACAGGACACCCGAGGGCTGGGGCACCCGGGAAAGACGGGAGA 574
Db 575 ACTCTAGGTCTTGTGACCTGAGTGGGACTCTAGTGTGGGACTCTAGTGTGGGAGGAGGGC 634
Db 1370 ACTCTAGGTCTTGTGACCTGAGTGGGACTCTAGTGTGGGACTCTAGTGTGGGAGGAGGC 1429
Db 1430 GTCGGATTGGGAGGGCTTGAGGACCTGGCCCTGGCCGGGCAAGGGCTCTCAGGGCTCT 1489
Db 635 GTCGGATTGGGAGGGCTTGAGGACCTGGCCCTGGCCGGGCAAGGGCTCTCAGGGCTCT 694
Qy 1490 CCTCCCTCTGGGAGGGCCAGCACATGTGCCAGCCACCTCTGGGGCTCTCTGTGCC 1549
Db 695 CCTCCCTCTGGGAGGGCCAGCACATGTGCCAGCCACCTCTGGGGCTCTCTGTGCC 754
Qy 1550 AGTGTGTTGGGGTGTCTCATGGGTGTCCTGCCACACTCTGGGGCTCTCTGTGCC 1609
Db 755 AGTGTGTTGGGGTGTCTCATGGGTGTCCTGCCACACTCTGGGGCTCTCTGTGCC 814
Db 1610 AGCCACCCCAACCTCTGGGGCTCTGGGGCTCACACTCCAGCCAAATAGTGT 1669
Db 815 AGCCACCCCAACCTCTGGGGCTCTGGGGCTCACACTCCAGCCAAATAGTGT 874
Db 1670 CTCGGGGGGGGCTGGCAGGCCATGTTCTGGAGATTCTGCAACCTCAGAGA 1729
Db 875 CTCGGGGGGGGCTGGCAGGCCATGTTCTGGAGATTCTGCAACCTCAGAGA 934
Qy 1730 CTCGGGGGGGGCTGGCAGGCCATGTTCTGGAGATTCTGCAACCTCAGAGA 1789
Db 935 CTCGGGGGGGGCTGGCAGGCCATGTTCTGGAGATTCTGCAACCTCAGAGA 994
Qy 1790 TACATTCCTTATATAA 1808

Db 995 TACATTCTGCTTATTAA 1013
 RESULT 11
 US 09-871-874-8
 Sequence 8, Application US/09871874
 GENERAL INFORMATION:
 ; Patent No. US20020081655A1
 ; APPLICANT: SAVITZKY, Kinneret
 ; APPLICANT: TOPORK, Amir
 ; APPLICANT: MINZ, Liat
 ; TITLE OF INVENTION: Splice Variant of mGluR
 ; FILE REFERENCE: 2786-0176P
 ; CURRENT APPLICATION NUMBER: US/09/871, 874
 ; CURRENT FILING DATE: 2001-09-04
 ; NUMBER OF SEQ ID NOS: 21
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 8
 LENGTH: 815
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-871-874-8
 Query Match 33.0%; Score 601; DB 10; Length 815;
 Best Local Similarity 99.8%; Pred. No. 2.e-299; Mismatches 651; Conservative 0; Indels 0; Gaps 0;
 Matches 651;
 Qy 11 CCTCACCAAGCCGGAAGTACAGCTGGCTCAGCTGGAGGGACCAACCCAGACGACCTGC 70
 Db 41 CCTCACCAAGCCGGAAGTACAGCTGGCTCAGCTGGAGGGACCAACCCAGACGACCTGC 100
 Qy 71 TGGGACCCAGGATGCCATCCAGAACAGCTTGGTATGTCAGCTGGACTGCCTCTTC 130
 Db 101 TGGGAGCCGGATGCCATCCAGAACAGCTTGGTATGTCAGCTGGACTGCCTCTTC 160
 Qy 131 TGTTCGCCAGGGCTGGGCCACAGGGCCTGGCCACCCGGCTCAGCCAGGCTCAAC 190
 Db 161 TGTTCGCCAGGGCTGGGCCACAGGGCCTGGCCACCCGGCTCAGCCAGGCTCAAC 220
 Qy 191 CCCGTGACTACAACTGTGTGACGCCAGGGCCTGGCCCTGGGCGTGGGACTGAGCCACAGGCTCACAC 250
 Db 221 CCCGTGACTACAACTGTGTGACGCCCTGGGCGTGGGACTGAGCCACAGGCTCACAC 280
 Qy 251 CTGGGGCGGCATGTCACACGGTTGCTCACCCTCTGGGCCAGCTCCCT 310
 Db 281 CTGGGGCGGCATGTCACACGGTTGCTCACCCTCTGGGCCAGCTCCCT 340
 Qy 311 TTGGCCAGACACCAAGAAACGGACCTCTGGGACCCAGGTATTCCTCTGGGA 370
 Db 341 TTGGCCAGACACCAAGAAACGGACCTCTGGGACCCAGGTATTCCTCTGGGA 400
 Qy 371 CCCCTGGGCTCTCTGGCTCTGGTGTGGTGTGGTGTGGTGTGGTGTGG 430
 Db 401 CCCCTGGGCTCTCTGGCTCTGGTGTGGTGTGGTGTGGTGTGGTGTGG 460
 Qy 431 CCTCTGGGCTCTCTGGCTCTGGTGTGGTGTGGTGTGGTGTGGTGTGG 490
 Db 461 CCTCTGGGCTCTCTGGCTCTGGTGTGGTGTGGTGTGGTGTGGTGTGG 520
 Qy 491 AGGTTTGCCTCACTTCTGGCCGAGAACCCGGCCGGCTGGTGTGGTGTGG 550
 ; RESULT 13
 US 09-871-874-6
 Sequence 6, Application US/09871874
 ; Patent No. US20020081655A1
 ; GENERAL INFORMATION:
 ; APPLICANT: SAVITZKY, Kinneret
 ; APPLICANT: TOPORK, Amir
 ; APPLICANT: MINZ, Liat
 ; TITLE OF INVENTION: Splice Variant of mGluR
 ; FILE REFERENCE: 2786-0176P
 ; CURRENT APPLICATION NUMBER: US/09/871, 874
 ; CURRENT FILING DATE: 2001-09-04
 ; NUMBER OF SEQ ID NOS: 21
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 5
 LENGTH: 1370
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-871-874-5
 Query Match 28.5%; Score 518; DB 10; Length 1370;
 Best Local Similarity 100.0%; Pred. No. 1.e-256; Mismatches 518; Conservative 0; Indels 0; Gaps 0;
 Matches 518;
 Qy 1130 CAGCTAAGAGGCCGCTGTCACCATACAGGGTACATGGCAGCTGGCT 1189
 Db 851 CAGCTAAGAGGCCGCTGTCACCATACAGGGTACATGGCAGCTGGCT 910
 Qy 1190 ACCAGCCACTGAGATGGCCCTGATGCCACAACTGGCCAGCTGGCT 1249
 Db 911 ACCAGCCACTGAGATGGCCCTGATGCCACAACTGGCCAGCTGGCT 970
 Qy 1250 TCCCTCCACGGGCCACGCCAACAGCCAGGTGATGGCAGTGACCTGCGGG 1309
 Db 971 TCCCTCCACGGGCCACGCCAACAGCCAGGTGATGGCAGTGACCTGCGGG 1030
 Qy 1310 CTGAGACATGATCTGGCCAGACGCCAACAGGGCCACACCCCGAAGAACGCAACA 1369
 Db 1031 CTGAGAGACATGATCTGGCCAGACGCCAACACCCCGAAGAACGCAACA 1090
 Qy 1370 ACTCTCAGGCTTGTGAACCCCTPAGCTGTGGGACTGTGACTCAGGGTGGAGAGAGSC 1429
 Db 1091 ACTCTCAGGCTTGTGAACCCCTPAGCTGTGGGACTGTGACTCAGGGTGGAGAGAGSC 1150
 Qy 1430 GGTGGATTGGGGCCCTGAGGACCTGGCCGGCAAGGGACTCTCAGGCTCT 1489
 Db 1151 GGTGGATTGGGGCCCTGAGGACCTGGCCGGCAAGGGACTCTCAGGCTCT 1210
 Qy 1490 CCTCCCTCTGGCAGGCCAACACTGTGCCCCAGATGTGGAAGGCCCTCCCTCTGCGC 1549
 Db 1211 CCTCCCTCTGGCAGGCCAACACTGTGCCCCAGATGTGGAAGGCCCTCCCTCTGCGC 1270
 Qy 1550 AGTGTGTTGCTGGGGCTCAGGGGTCTCCACCCACTCTCAGTTGGACTCGAG 1609
 Db 1271 AGTGTGTTGCTGGGGCTCAGGGGTCTCCACCCACTCTCAGTTGGACTCGAG 1330
 Qy 1610 AGCCACCCAGCCCTGCAAGGATCACCTGGGGT 1647
 Db 1331 AGCCACCCAGCCCTGCAAGGATCACCTGGGGT 1368
 ; RESULT 13
 US 09-871-874-6
 Sequence 6, Application US/09871874
 ; Patent No. US20020081655A1
 ; GENERAL INFORMATION:
 ; APPLICANT: SAVITZKY, Kinneret
 ; APPLICANT: TOPORK, Amir
 ; APPLICANT: MINZ, Liat
 ; TITLE OF INVENTION: Splice Variant of mGluR
 ; FILE REFERENCE: 2786-0176P
 ; CURRENT APPLICATION NUMBER: US/09/871, 874
 ; CURRENT FILING DATE: 2001-09-04
 ; NUMBER OF SEQ ID NOS: 21
 ; RESULT 12

; SOFTWARE: PatentIn ver. 2.1
; SEQ ID NO 6
; LENGTH: 1070
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-871-874-6

Query Match 28.1%; Score 512; DB 10; length 1070;
 Best Local Similarity 100.0%; Pred. No. 1.5e-253; Mismatches 0; Indels 0; Gaps 0;
 Matches 512; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1131 ACTAAAGAGGGTGTACCAATACACGGGACAAATGGGAGCTGTGACCTGTACAT 1190
 552 AGCTARGAGGGGTGTACCAATACACGGGACAAATGGGAGCTGTGACCTGTACAT 611

Qy 1191 CGAGCCACTGTAGATGCCCTGAGCATACGGGTACAAATGGGAGCTGTGACCTGTACAT 1250
 612 CGAGCCACTGTAGATGCCCTGAGCATACGGGTACAAATGGGAGCTGTGACCTGTACAT 671

Qy 1251 CCTCCCACGGGACCCGAAAGACGGCAGACTCTCGGTCTTGTGAAACCCCTAGGTGGAC 1310
 672 CCTCCCACGGGACCCGAAAGACGGCAGACTCTCGGTCTTGTGAAACCCCTAGGTGGAC 731

Qy 1311 TGAAGACATGTACTCGGCCAGAGCCACAGGCCACAGGGCCACACGCCGAAAGACGGCAAGAA 1370
 732 TGAAGACATGTACTCGGCCAGAGCCACAGGCCACAGGGCCACACGCCGAAAGACGGCAAGAA 1370

Qy 1371 CTCCTAGCTTGTAGAACCCCTACGTTGACTGAGTCAGGGGGGAGGAGGGG 1430
 792 CTCCTAGCTTGTAGAACCCCTACGTTGACTGAGTCAGGGGGAGGAGGGG 851

Qy 1431 GTCGGATTTGGAGGGCCCTGAGGACTCTGCCAGCTGGCCACACCCGGAAGACGGCAAGAA 1490
 852 GTCGGATTTGGAGGGCCCTGAGGACTCTGCCAGCTGGCCACACCCGGAAGACGGCAAGAA 911

Qy 1491 CTCCCCCTGGCAGGGCCAGAACATGTGCCCCAGAATGTTGAGGGCCCTCCCTCTGCCA 1550
 912 CTCGCCCTGGCAGGGCCAGAACATGTGCCCCAGAATGTTGAGGGCCCTCCCTCTGCCA 971

Db 1551 GGTGTTGGTGGGGTCAGGGGTCCCCACCTCTCAGTTGTTGGAGTCGAGGA 1610
 972 GGTGTTGGTGGGGTCAGGGGTCCCCACCCACTCTCAGTTGTTGGAGTCGAGGA 1031

Qy 1611 GCGAACCCCGCCTCCAGGATCACCTCG 1642
 1032 GCGAACCCCGCCTCCAGGATCACCTCG 1063

RESULT 14

; Sequence 14, Application US/09895686
; Patent No. US20020106655A1

; GENERAL INFORMATION:

; APPLICANT: Bandman, Olga
; APPLICANT: Lal, Preeti
; APPLICANT: Tang, Y. Tom
; APPLICANT: Baughn, Mariah R.
; TITLE OF INVENTION: HUMAN GPCR PROTEINS
; FILE REFERENCE: PC-0044 CIP
; CURRENT APPLICATION NUMBER: US/09/895, 686
; CURRENT FILING DATE: 2001-06-28
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PERL program
; SEQ ID NO 15
; LENGTH: 268
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE: misc_feature
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID NO. US20020106655A1 196211976
; US-09-895-686-15

Query Match 14.7%; Score 268; DB 10; length 268;
 Best Local Similarity 100.0%; Pred. No. 9.2e-128; Mismatches 0; Indels 0; Gaps 0;
 Matches 268; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1500 GCGAGGCCAGCACATGTGCCCCAGATGTGAAAGGGCTCTCTGTGCGCAGTGTGTTGG 1559
 268 GCGAGGCCAGCACATGTGCCCCAGATGTGAAAGGGCTCTCTGTGCGCAGTGTGTTGG 209

Qy 1560 TGGGTGTCATGGTGTCCCCACCCATCTCTCAGTTGTTGGAGGAGGCCAACCCC 1619
 208 TGGGTGTCATGGTGTCCCCACCCATCTCTCAGTTGTTGGAGGAGGCCAACCCC 149

Query Match 25.8%; Score 469; DB 10; length 516;
; US-09-895-686-14

Db	148	AGCCTCTGCCAGGATCACCTGGGGCACACTCAGCCAAATAAGTCTCTGGGGTG	89
Oy	1680	TGGCTGGCAGGGCTTAATGTTCTCTGGAGATTCCTGAACTCAAGAGACTTCCAGGC	1739
Db	88		29
Oy	1740	TGGCTGGCAGGGCTTAATGTTCTCTGGAGATTCCTGAACTCAAGAGACTTCCAGGC	1739
Db	28	GCTCAGGCTGGATCTTGCTCCCTGTG 1	1

Search completed: June 21, 2003, 04:19:24
Job time : 272 secs

